

AGENDA DATE: 10/22/2026

AGENDA ITEM: 3A



**Approved:**

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**Lilia M. Corona**  
General Manager

# STAFF REPORT

**TO:** Mt. View Sanitary District Board of Directors  
**FROM:** Stacey Ambrose, Deputy General Manager  
**DATE:** October 22, 2026  
**SUBJECT:** State of the District and Strategic Plan Update

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## **RECOMMENDATION**

1. Receive a presentation from staff on the State of the District and Strategic Plan Updates.
2. Provide direction, as needed.

# **Mt. View Sanitary District**

## **State of the District**

### **2026**



**Martinez, CA**  
**Founded 1923**



# STATE OF THE DISTRICT 2026

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## **District Leadership**

Lilia M. Corona, General Manager

Stacey Ambrose, Deputy General Manager

Chris Elliott, District Engineer

Scott Biocic, Wastewater Operations Manager

J. Daniel Adams, Consultant District Counsel



## **Governing Board of Directors**

Jared D. Ruddell, President

Julia R. Halsne, Vice-President

Brian A. Danley

Caitlin Wiley-Walker

Gregory T. Pyka

# ACRONYM GLOSSARY



|       |                                                 |
|-------|-------------------------------------------------|
| AI    | Artificial Intelligence                         |
| BAAD  | Bay Area Air District                           |
| CCTV  | Close Circuit Television                        |
| CIP   | Capital Improvement Program                     |
| CPI   | Consumer Price Index                            |
| DGM   | Deputy General Manager                          |
| ESM   | Environmental Services Manager                  |
| FOG   | Fat, Oil, Grease                                |
| GM    | General Manager                                 |
| NPDES | National Pollutant Discharge Elimination System |
| NOV   | Notice of Violation                             |
| OPEB  | Other Post-Employment Benefits                  |
| SEP   | Supplemental Environmental Project              |
| SOP   | Standard Operating Procedure                    |
| SSMP  | Sanitary Sewer Management Plan                  |
| SSS   | Sanitary Sewer Spill                            |



## INTRODUCTION

The Mt. View Sanitary District's (District) Mission, Vision, and Values represent the Board of Director's intention for the District. They define the purpose, goals, and core principles that provide a foundational framework to guide the District forward. The District's 2025 – 2030 Strategic Plan was developed through a collaborative process between the Board of Directors and District leadership. The Strategic Plan considered the Mission, Vision, and Values, along with current District needs and those forecast for the future. The Strategic Plan provides goals, implementation strategies, key objectives, and metrics as a roadmap of actions to guide staff in their efforts to deliver excellent customer service to the rate payers.

The 2026 State of the District reflects the District's status in relation to the Mission, Vision, and Values and the Strategic Plan for fiscal year 2025/2026. The Mission, Vision, and Values are broken down into their key components and updates are provided in relation to each of those components, and the updates include references to the relevant Strategic Plan sections.



**21,000**

People Served



**90%**

of Total Waste  
is Residential



**10%**

of Total Waste  
is from Small  
Businesses



**1 Million**

Gallons Per Day  
of Wastewater  
Treated



**73**

Miles of Sewers



**4**

Pump Stations



## OUR MISSION

To protect the public health and environment, in a safe and reliable manner, at a reasonable cost.



## OUR VISION

To honor a continuous improvement philosophy that upholds organizational excellence through proactive management of infrastructure and dedication to environmental stewardship, public outreach, customer service, safety, and fiscal responsibility by sustaining a highly qualified workforce.



## OUR VALUES

- Quality customer service and high value to our ratepayers
- Infrastructure health
- Financially responsible stewardship
- Protection and enhancement of the environment
- Meeting or exceeding all regulatory requirements
- Efficient and progressive techniques, equipment, and methodologies
- Public involvement and environmental education
- Employee welfare

**Mission, Vision, and Values components:**

Protect and enhance the environment, protect the public health, environmental stewardship, reliability

- ✓ Certified Green Business
- ✓ Community sharps collection point
- ✓ No public health impacts
- ✓ No odor complaints were received for the marshes. Odor investigations occurred for the treatment facility but we were not found to be the source.
- ✓ 5 NOVs were received from the BAAD in April 2026 citing air violations related to hydrogen sulfide from the collection system that were detected by the neighboring refinery. District staff disagree with the findings and are awaiting further information to argue against the NOVs.
- ✓ No NPDES violations
- ✓ No regulatory fines
- ✓ No third-party claims or lawsuits
- ✓ No customer-initiated claims or lawsuits
- ✓ Sanitary Sewer Spills (SSS)
  - 12/23/25 – Cat 4, 21gal, FOG blockage, line segment placed on higher frequency cleaning
  - 2/16/26 – Cat 4, 10gal, mainline exfiltration from a small break, spot repair of break
  - 5/25/26 – Cat 3, 57gal, root intrusion, removed roots
  - 6/20/26 – Cat 4, 25 gal, root intrusion, increased root foaming schedule

**Mission, Vision, and Values components:****Safety**

- ✓ No lost time employee injuries in FY 25-26
- ✓ No reportable injuries, Workers' Compensation claims, or modified work
- ✓ No reported injuries to the public resulting from District activities
- ✓ Staff received safety training on 51 different topics or programs for a total of 379.9 safety training hours
  - A new training matrix is implemented to allow for year-over-year tracking of all training

**Mission, Vision, and Values components:****Reliability**

- ✓ **Collection System and Source Control**
  - 210,268 linear ft (52%) of the District's 403,412 ft of mainlines were cleaned in FY26. This keeps us on track for cleaning the entire system every 2 years, meeting the SSMP goal of every 3 years
  - 74,737 ft of mainline were televised, completing the televising portion of the collection system condition assessment
  - Areas included in the High Frequency Schedule for cleaning were cleaned 4.5 times, for a total of 77,365 ft
  - 45 source control inspections for non-permitted commercial businesses were conducted.
    - 1 NOV issued for improper disposal of materials to the environment, related to a private SSS
  - 1 source control inspection for permitted industrial discharger was conducted and no NOV's were issued
- ✓ **Treatment facility maintenance**
  - 2,455 Work Orders assigned with a 99% completion rate
  - 124 more Work Orders than FY 24/25, which had 139 more than 23/24
- ✓ **Moorhen Marsh**
  - Upland vegetation management continues to enhance native vegetation and control invasive vegetation
  - Maintenance of the floating island structures and vegetation continues. Exclusion fencing added to extend life of vegetation and reduce maintenance
  - Significant burrowing from animals continues to cause levee damage. Working to secure grant funding to implement burrowing protection.
  - Beavers continue to block pipe outfalls
  - Significant invasive water vegetation changed nutrient levels in Moorhen. New floating island project in 2027 will help define marsh abilities.
- ✓ **McNabney Marsh**
  - The District continues to participate in the SEP project that is assessing the water quality in the marsh as it relates to tidal influence and developing a tide gate automation system.

**Mission, Vision, and Values components:**  
Proactively manage infrastructure

- ✓ The 2025 – 2030 Strategic Plan was developed to focus on efforts that are beneficial regardless of potential consolidation. The intention is to ensure investments are of value to the public with or without consolidation. Collection system projects meet this criteria.
- ✓ The following capital projects were completed in FY26
  - **Condition Assessment Program / Pipeline Cleaning & Televising Phase 3:** Provides condition assessment ratings to inform the prioritization of collection system rehabilitation projects to come.
  - **888 Howe Road Sanitary Sewer Replacement:** Resolves a right-of-way issue by acquiring a new easement and constructing a 442 ft sewer line and 3 manholes.
  - **Trunk Manholes Rehabilitation:** Resolves air quality concerns from the refinery regarding hydrogen sulfide from the sewer system by rehabilitating key manholes on their property.
  - **Palm Ave. Repairs:** Repairs a 6” line area that had a pipe collapse and FOG problem.



**Mission, Vision, and Values components:**  
Reasonable cost, fiscal responsibility

**Rates**

- ✓ The District conducted an Affordability Study in 2023 that determined our rates to be affordable
- ✓ A Rate Study was completed in February 2026 that provided a 2-year rate schedule that increases rates by about 3.3% for FY 26/27 and 4.6% for FY 27/28
- ✓ Our current annual single family residence rate of \$999 is 25% below the median for all 25 Bay Area comparator agencies
- ✓ Our current rate is 33% below the median when only comparing against smaller population agencies like MVSD (population size 8,679 – 47,000)
- ✓ Our current rate is 32% higher than Central San. Central San completed a rate study in March 2025 with a 2-year rate schedule of 6.5% increases.



**Mission, Vision, and Values components:**  
Reasonable cost, fiscal responsibility

| Agencies                            | Population Served | Annual Single Family Residence FY26 | FY27     |
|-------------------------------------|-------------------|-------------------------------------|----------|
| Scenic Heights CSD                  | 175               | 2795.00                             | 2995.00  |
| Oak Knowll SMD                      | 200               | 1845.00                             | 1945.00  |
| Devonshire CSD                      | 700               | 1800.00                             | 1860.00  |
| Crocket CSD                         | 3,094             | 1217.00                             | 1217.00  |
| Crystal Springs CSD                 | 5,600             | 1919.00                             | 1954.00  |
| Burlingame Hills SMD                | 1,100             | 2185.00                             | 2294.00  |
| Emerald Lake SMD                    | 4,000             | 1925.00                             | 1995.00  |
| Rodeo Sanitary District             | 8,679             | 1368.00                             | 1488.00  |
| SDMC - Tiburon (Marin #5)           | 8,400             | 2237.00                             | 2460.00  |
| SDMC - Belvedere (Marin #5)         | 8,400             | 2237.00                             | 2460.00  |
| Sausalito-Marín City Sanitary Dist  | 18,000            | 1506.00                             | 1534.00  |
| Mt View Sanitary District           | 21,200            | 999.00                              | 1032.00  |
| Fair Oaks SMD                       | 32,514            | 1135.00                             | 1175.00  |
| Las Gallinas Valley Sanitation Dist | 32,000            | 1641.00                             | 1641.00  |
| San Rafael SD                       | 43,466            | 1012.08                             | 1062.72  |
| Ironhouse Sanitary District         | 47,000            | 934.18                              | 967.65   |
| Ross Valley Sanitary District       | 47,000            | 1288.00                             | 1340.00  |
| West Bay Sanitary District          | 52,900            | 1440.00                             | 1512.00  |
| Vallejo Sanitation and Flood Dist   | 120,000           | 1170.24                             | 1240.56  |
| Oro Loma SD                         | 140,546           | 486.59                              | 559.58   |
| Dublin San Ramon SD                 | 194,600           | 530.04                              | 559.02   |
| Delta diablo                        | 218,000           | 513.80                              | 557.48   |
| Union Sanitary District             | 356,000           | 636.03                              | 661.15   |
| Central San                         | 500,000           | 754.00                              | 784.00   |
| EBMUD                               | 740,000           | 445.80                              | 966.00   |
| West County Wastewater              | 104,000           | 815.00                              | 912.00   |
| Average                             | 104,137           | 1,339.80                            | 1,429.70 |
| Median                              | 32,257            | 1,252.50                            | 1,290.28 |

## Mission, Vision, and Values components:

### Reasonable cost, fiscal responsibility

#### Effectively manage costs

- ✓ We are effectively managing operating costs amidst soaring costs for key needs such as chemicals, fuel, power, and insurance that are increasing significantly higher than the inflation index.
- ✓ **O&M Expenditures** decreased 3.26% compared to FY 24/25 when excluding the one-time \$3M additional pension funding payment. The decrease is mostly attributed to underspending in the Facilities Rehabilitation Fund which had budgeted for a new GapVax that came in the previous FY.
- ✓ The cumulative CPI increase from FY 21 - FY 26 is 16.8% while the cumulative increase in O&M Expenditures in the same time is 26.4%.

#### Operations & Maintenance (O&M) Expenditures vs. Inflation

| Fiscal year:                         | 2020-2021   | 2021-2022   | 2022-2023   | 2023-2024   | 2024-2025   | 2025-2026    |
|--------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| O&M Expenditures*                    | \$6,745,255 | \$7,126,385 | \$7,590,880 | \$8,099,177 | \$8,449,792 | \$11,174,615 |
| Percent increase in O&M expenditures |             | 5.65%       | 6.52%       | 6.70%       | 4.33%       | 32.25%       |
| CPI Inflation Index †                |             | 1.70%       | 5.60%       | 3.67%       | 2.76%       | 3.036%       |

\*O&M expenditures are based on preliminary fiscal year-end reports and may exclude subsequent year-end adjustments.

† FY 2025–26 CPI reflects the Board-approved December-to-December rate of 3.036%; rather than the All-Urban Index of 2.178 which did not reflect a full year.

**Mission, Vision, and Values components:**  
Reasonable cost, fiscal responsibility

**Effectively manage costs**

- ✓ **Net position** decreased by \$105 thousand
- ✓ **Operating revenues** increased by \$315 thousand primarily due to the sewer service charge rate increase
- ✓ **Connection and franchise fees** decreased by \$542 thousand due to fewer large development projects compared to FY25
- ✓ **Nonoperating revenues** decreased by \$797 thousand because FY25 included proceeds from the sale of billboard leases

**Financial Overview**

| Fiscal year:                               | 2020-2021*    | 2021-2022*     | 2022-2023      | 2023-2024*       | 2024-2025        | 2025-2026        |
|--------------------------------------------|---------------|----------------|----------------|------------------|------------------|------------------|
| Total Operating Revenues                   | \$7,278,479   | \$7,919,784    | \$8,741,429    | \$9,399,668      | \$10,194,966     | \$10,509,927     |
| Operating Expenses, excluding Depreciation | 6,381,357     | 6,621,155      | 7,590,880      | 8,177,170        | 8,864,237        | 9,986,267        |
| Depreciation Expense                       | 1,369,224     | 1,488,910      | 1,522,315      | 1,638,581        | 1,515,682        | 1,758,510        |
| Nonoperating Revenues (Expenses), Net      | 431,041       | 218,353        | 548,315        | 3,228,621        | 1,835,724        | 1,038,118        |
| Connection and Franchise Fees              | 139,800       | 81,973         | 783,435        | 147,486          | 633,029          | 91,289           |
| <b>Change in Net Position</b>              | <b>98,739</b> | <b>110,045</b> | <b>959,984</b> | <b>2,960,024</b> | <b>2,283,800</b> | <b>(105,443)</b> |

\*Restated amounts reflect the implementation of applicable GASB standards.

**Mission, Vision, and Values components:**  
Reasonable cost, fiscal responsibility

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\*Restated amounts reflect the implementation of applicable GASB standards.

**Mission, Vision, and Values components:**  
Reasonable cost, fiscal responsibility

**Position**

- ✓ Annual debt service remains at \$846,803
- ✓ The ratio of Reserves or Fund Balance to Annual Expenditures is 1.12 (or 112.08%) when excluding the one-time additional pension funding payment.
  - Standard benchmarks qualify this ratio as strong, meaning our reserves can cover more than a full year of annual expenditures with no revenue coming in
- ✓ The ratio of Annual Debt Service Expenditures to Total Annual Expenditures when excluding the one-time additional pension funding payment is 7.59%
  - Standard benchmarks qualify this ratio as Healthy/Good
- ✓ Alternative funding –Grants and Contracts position filled in November 2025 and since then the District has been awarded about \$1.5M in grant funds for pump station work, cybersecurity, and nutrient removal augmentation in Moorhen.
- ✓ Worth noting pursual of a 10-year financial forecast occurring in FY 26/27

**Cash Balances by Fund as of June 30, 2026**

| <b>Fund</b>                      | <b>Balance</b>      |
|----------------------------------|---------------------|
| 3409 (Operations & Maintenance)  | \$ 9,958,207        |
| 3410 (Facilities Rehabilitation) | 554,602             |
| 3412 (Capital Outlay)            | 3,754,506           |
| 3415 (Debt Service)              | 7,504               |
| <b>Total</b>                     | <b>\$14,274,819</b> |

## Mission, Vision, and Values components: Public Outreach, customer service

- ✓ Enhanced public outreach messaging via multiple social media platforms, quarterly newsletter, MVSD website, MDWF website, and garbage bill inserts
- ✓ Positive reach and engagement with customers through social media



- ✓ Environmental Education continues through workshops, field trips, and tours.
  - 8 Treatment Facility tours from Diablo Valley College groups
  - Hosted Representative DeSaulnier and staff to tour the Treatment Facility
  - Hosted a Climate Impacts on Wastewater event as part of San Francisco Climate Week
  - Wetlands Field Trip Program – hosted 1,849 students from 21 schools
  - Environmental Engineering Academy brought 37 high school students to learn about Moorhen
  - Two trash cleanup event on the Waterbird side of McNabney and one on the Plant Road side
- ✓ Environmental Group use of marshes
  - Turtle workshop – biologist led workshop to train other biologists on Western Pond Turtles
  - Birding events – Mt. Diablo Bird Alliance hosted two events in Moorhen and one in McNabney
  - Garden Workdays – coordinated with CCRCD and Friends of Alhambra Creek to conduct two invasive weed removal events in Moorhen

**Mission, Vision, and Values components:**  
Public Outreach, customer service

- ✓ Community events
  - Earth Day Event booth
  - Coastal Cleanup
  - National Night Out
  - Downtown Martinez Spooktacular Halloween event
  - 4<sup>th</sup> of July parade
  - Two trash and invasive weed cleanup events in McNabney
- ✓ Community Advisory Group – met quarterly, advertising for others to join

**Mission, Vision, and Values components:**  
Continuous improvement, organizational excellence, highly  
qualified workforce

- ✓ Administration (all non-operations) remained fully staffed FY 25/26, but the Board Secretary retired in July. That position was immediately filled.
- ✓ The Operations department remained fully staffed and highly qualified:

**Wastewater Operator License:**

- Grade I Operator - 1
- Grade II Operator - 2
- Grade III Operator - 3
- Grade IV Operator - 1
- Grade V Operator - 2

**CWEA Technical Certificates:**

- Collection System Maintenance I – 3
- Collection System Maintenance II – 2
- Collection System Maintenance III – 1
- Mechanical Technologist I – 1
- Mechanical Technologist II - 1
- Electrical and Instrumentation I - 1
- Electrical and Instrumentation II – 2

- ✓ 33,109 total hours worked
- ✓ Maintained the District Transparency Certificate of Excellence
- ✓ Maintain Executive Coach on contract for key management positions
- ✓ Emphasis on identifying cross-training opportunities and staff development

## Mission, Vision, and Values components:

Continuous improvement, organizational excellence, highly qualified workforce

- ✓ Focus on maintaining on-time annual employee performance evaluations
- ✓ Performance evaluations include a rating section to evaluate how employees adhere to our established Cultural Values
- ✓ Development of AI policy to leverage its strengths and minimize the risks
- ✓ Bolstering cybersecurity policy and practices
- ✓ The District provides budget and encourages staff to take advantage of training opportunities
  - In-house staff training – 42 hours
  - Outside staff development and technical training – 199.6 hours
  - Outside management training – 38.8 hours

## OUR VALUES MATTER

### RESPECT

Committed to others' well-being - Valuing others for who they are & what they offer (even when we disagree) - Looking for opportunities to make a difference and add value - Showing compassion & consideration - Seeking to understand - Behaving with grace, kindness, acceptance, and concern

### PROFESSIONALISM

Courteous, productive, responsible conduct - Doing our job with skill, competence, ethics, and civility - Communicating effectively and appropriately with uninterrupted active listening - Keeping sensitive information confidential - Gaining the trust of others by modeling trustworthy behavior

### TEAMWORK

Always lending a hand - Delivering as a team - Doing our best to turn ideas into solutions - Breaking down silos - Engaging with our colleagues - Collaborating to create something greater than ourselves as individuals - Working together towards a common goal for MVSD



### ACCOUNTABILITY

Owning our work - Holding each other and ourselves responsible for (and accepting the outcomes of) our words, actions, or inactions - Realizing we play a part in every situation or experience with some degree of responsibility over the outcomes or consequences - Striving to go above and beyond in all we do - Seeking to improve every day - Always presuming other's best intentions

### INTEGRITY

Acting in a transparent, trustworthy manner - Earning the respect of others - Always doing what we say we will do - Being reliable, ethical, and honest - Doing what's right, even when no one is watching - Being responsible for our actions

### LEADING BY EXAMPLE

Modeling the behavior we want to see - Demonstrating kindness under pressure - Being a servant leader people follow without the title - Creating a trust culture - Serving with humility - Encouraging diversity of thought - Unselfishly empowering people - Fostering leadership in others

## Taken Altogether, the District is:

- ✓ In alignment with the Board's expressed Mission and Vision
- ✓ In regulatory compliance
- ✓ We are transparent to our ratepayers
- ✓ Engaged with our community and are building new connections
- ✓ Proactively pursuing alternate funding options
- ✓ Proactively studying our 10-year financial forecast
- ✓ Focused on continuous improvement
- ✓ Proactively managing assets
- ✓ Provide for and encouraging staff development



## Strategic Plan FY 26 Deliverables Status

The 2025 – 2030 Strategic Plan identified goals, implementation strategies, key objectives, and metrics. The metrics are used to measure the success of the objectives. Metric status is reported to the Board quarterly. The Strategic Plan also included Manager's Goals and Objectives that outlined key deliverables each fiscal year of the Plan. The Plan specifies at least an annual review to ensure implementation stays on track and updates are made as appropriate.

The following table is a copy of the deliverables the Plan specified for completion in FY 26 with a brief status update.

| Element | Activity                                                               | Deliverable                                                              | FY | Status                                              |
|---------|------------------------------------------------------------------------|--------------------------------------------------------------------------|----|-----------------------------------------------------|
| 1.1     | Conduct financial planning                                             | Manager's Monthly Report to Board                                        | 26 | In progress, FY27 completion                        |
| 1.1.1   | Conduct 5-year rate study                                              | Submitted to Board for approval                                          | 26 | Postponed to 27, after financial forecast completed |
| 1.1.4   | Develop pension and OPEB funding strategy                              | Manager's Monthly Report to Board                                        | 26 | Completed                                           |
| 1.2.2   | Consolidate garbage franchise                                          | Include updates in monthly Manager's Report to Board                     | 26 | Canceled, Republic would not agree                  |
| 1.2.5   | Alternative contract procurement processes for non-CIP projects        | Plan submitted to GM                                                     | 26 | In progress, FY 27 completion                       |
| 1.3.4   | Prop 218 outreach                                                      | Materials provided to public                                             | 26 | Completed                                           |
| 2.2.2   | Tracking system for private lateral issues                             | Report trends or observations to WOM                                     | 26 | Incomplete                                          |
| 2.3.1   | Audit of all air permits                                               | Report to DGM                                                            | 26 | Completed                                           |
| 2.3.2   | Air regulation SOPs                                                    | SOPs completed, trained, posted on The Flow                              | 26 | Completed                                           |
| 3.3.2   | Develop SOP for asset additions/deletions                              | SOP developed, trained, and posted on The Flow                           | 26 | In progress, FY 27 completion                       |
| 3.4.4   | Develop cybersecurity program                                          | Report to Board                                                          | 26 | Drafted, completion after cyber grant               |
| 4.1.1   | Treatment unit key parameter dashboards and report templates developed | Completion reported to GM and DGM and training provided to all operators | 26 | Completed                                           |

## Strategic Plan FY 26 Deliverables Status

| Element | Activity                                                                                            | Deliverable                                                                                                                  | FY    | Status                                                   |
|---------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------|
| 4.1.2   | Treatment unit target operational ranges defined and SOPs developed                                 | Completion reported to GM and DGM and training provided to all operators                                                     | 26    | Completed                                                |
| 4.1.3   | Study for centrifuge concentrate equalization                                                       | Study and plan reported to GM and DGM                                                                                        | 26    | Completed                                                |
| 4.3.1   | Develop AI SOP                                                                                      | Policy developed and all staff trained                                                                                       | 26    | In progress, complete after cyber grant project in FY 27 |
| 1.1.2   | Annual reserve policy review and update                                                             | Manager's Monthly Report to Board                                                                                            | 26-30 | Completed                                                |
| 1.1.3   | Quarterly investment and banking returns                                                            | Manager's Monthly Report to Board                                                                                            | 26-30 | updated to annual                                        |
| 1.1.3   | Annual investment and banking strategy evaluation and update                                        | Manager's Monthly Report to Board                                                                                            | 26-30 | Completed                                                |
| 1.1.4   | Integrate pension and OPEB funding strategy into annual budget process                              | Integrated into annual budget report to Board                                                                                | 26-30 | Completed                                                |
| 1.2.1   | Report funding applications and awards quarterly                                                    | Manager's Monthly Report to Board                                                                                            | 26-30 | Completed                                                |
| 1.2.4   | Integrate funding opportunity research as a component of every project.                             | Prior to project implementation, report findings to GM for in-house projects or integrate findings into CIP reports to Board | 26-30 | Completed                                                |
| 1.3.1   | Provide annual financial reports to regulatory bodies                                               | Reports submitted to regulatory bodies and status provided to GM for reporting to the Board                                  | 26-30 | Completed                                                |
| 1.3.1   | Provide quarterly financial reports to leadership team                                              | Timely reports submitted to the leadership team                                                                              | 26-30 | Completed                                                |
| 1.3.2   | Annual internal controls review                                                                     | Status reported to GM<br>Review annual inspection list                                                                       | 26-30 | Completed                                                |
| 2.2.1   | Provide more specific direction for source control inspection contract to target grease dischargers | and provide direction to redirect to high risk businesses as needed                                                          | 26-30 | Completed                                                |

## Strategic Plan Deliverables Update for FY 2027-30

The following table presents a new deliverables plan that has been updated to integrate necessary changes based on the FY 26 status update.



| Element | Activity                                                                | Deliverable                                                                                                                        | FY    | Lead |
|---------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------|------|
| 1.1.2   | Annual reserve policy review and update                                 | Manager's Monthly Report to Board                                                                                                  | 26-30 | GM   |
| 1.1.3   | Annual investment and banking returns                                   | Manager's Monthly Report to Board                                                                                                  | 26-30 | GM   |
| 1.1.3   | Annual investment and banking strategy evaluation and update            | Manager's Monthly Report to Board                                                                                                  | 26-30 | GM   |
| 1.1.4   | Integrate pension and OPEB funding strategy into annual budget process  | Integrated into annual budget report to Board                                                                                      | 26-30 | GM   |
| 1.2.1   | Report funding applications and awards quarterly                        | Manager's Monthly Report to Board                                                                                                  | 26-30 | GM   |
| 1.2.4   | Integrate funding opportunity research as a component of every project. | Prior to project implementation, report findings to GM for in-house projects or integrate findings into CIP reporting to the Board | 26-30 | ALL  |
| 1.3.1   | Provide annual financial reports to regulatory bodies                   | Reports submitted to regulatory bodies and status provided to GM for reporting to the Board                                        | 26-30 | AFA  |
| 1.3.1   | Provide quarterly financial reports to leadership team                  | Timely reports submitted to the leadership team                                                                                    | 26-30 | AFA  |
| 1.3.2   | Annual internal controls review                                         | Status reported to GM                                                                                                              | 26-30 | AFA  |

## Strategic Plan Deliverables Update for FY 2027-30

| Element | Activity                                                                                            | Deliverable                                                                                                     | FY    | Lead   |
|---------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------|--------|
| 2.2.1   | Provide more specific direction for source control inspection contract to target grease dischargers | Review annual inspection list and provide direction to redirect to high risk businesses as needed               | 26-30 | CL     |
| 1.1     | Conduct financial planning                                                                          | Manager's Monthly Report to Board                                                                               | 27    | GM/DGM |
| 1.1.1   | Conduct 5-year rate study                                                                           | Submitted to Board for approval                                                                                 | 27    | GM/DGM |
| 1.2.5   | Alternative contract procurement                                                                    | Plan submitted to GM                                                                                            | 27    | DGM    |
| 2.1.2   | Develop nature-based nutrient removal enhancement approach                                          | Manager's Report to Board followed by nutrient removal efficiency reported in quarterly lab report to the Board | 27    | DGM    |
| 2.2.3   | Collection system corrective maintenance documentation                                              | System created and integrated into Ops-Eng Coordination meetings                                                | 27    | CL     |
| 2.2.4   | Collection system data tracking and evaluation system                                               | System created and integrated into Ops-Eng Coordination meetings                                                | 27    | CL     |
| 2.2.5   | Post SSO/SSC event SOP                                                                              | SOP developed, trained, and posted on TheFlow                                                                   | 27    | CL     |
| 2.3.1   | Investigate options for replacing equipment nearing air regulation non-compliance                   | Report to DGM and GM and integrated plan into annual budget                                                     | 27    | WOM    |
| 2.3.3   | Conduct study for fleet electrification needs                                                       | Report to GM, DGM, DE                                                                                           | 27    | WOM    |
| 3.2.1   | Conduct I&I reduction study                                                                         | Report to Board                                                                                                 | 27    | DE     |
| 3.2.3   | Collection system repair plan based on system assessment project                                    | Report to GM                                                                                                    | 27    | DE     |
| 3.3.2   | Develop SOP for asset additions/deletions                                                           | SOP developed, trained, and posted on The Flow                                                                  | 27    | DGM    |
| 3.4.4   | Develop cybersecurity program                                                                       | Report to Board                                                                                                 | 27    | POAS   |
| 4.2.1   | Study biotower operation and develop SOP for all seasons                                            | Report to GM and DGM and all operation staff trained                                                            | 27    | WOM    |
| 1.2.3   | Design/build/fund project opportunities                                                             | A plan for moving forward with D/B/F projects or report to Board specifying                                     | 28    | KP/DE  |
| 1.3.3   | Seek the Certificate of Achievement for Excellence in Financial Reporting                           | Submit application and report status to GM                                                                      | 28    | AFA    |
| 1.3.3   | Implement GFOA best practices                                                                       | Status report to GM                                                                                             | 28    | AFA    |

## Strategic Plan Deliverables Update for FY 2027-30

| Element | Activity                                                 | Deliverable                                          | FY | Lead |
|---------|----------------------------------------------------------|------------------------------------------------------|----|------|
| 2.4.1   | District training plan                                   | Plan to GM and Monthly Manager's Report to the Board | 28 | DGM  |
| 3.2.2   | Develop private sewer lateral program                    | Report to Board                                      | 28 | CL   |
| 3.3.3   | Audit assets and develop plan to replace or rehabilitate | Report to DGM                                        | 28 | WOM  |
| 3.4.1   | Investigate options for further securing the facility    | Report to GM                                         | 28 | DGM  |
| 3.4.3   | Conduct Climate Resiliency study                         | Report to Board                                      | 28 | DGM  |
| 4.3.1   | Develop AI Policy and SOP                                | Policy developed and all staff trained               | 28 | POAS |
| 4.3.2   | Staff training on generative AI                          | Training provided to all staff                       | 28 | DGM  |
| 3.3.1   | Develop formalized capital asset program                 | Report to Board                                      | 29 | DGM  |
| 3.4.2   | Conduct Emergency Resiliency study                       | Report to Board                                      | 29 | WOM  |
| 4.3.3   | Investigate options for leveraging machine learning AI   | Report to GM and DGM and all operation staff trained | 29 | WOM  |
| 2.1.1   | Moorhen infrastructure evaluation                        | Report of finding to Board                           | 30 | DGM  |
| 3.1.2   | Collection system and Pump station CIP development       | Report to Board                                      | 30 | DE   |



## Consolidation Feasibility Study

### Impacts of the study process

- ✓ The study process has had a significant impact on District operations and staff
- ✓ Potential consolidation and the feasibility study concept and efforts started over 3 years ago when Central San senior management unexpectedly raised the concept at an MVSD public meeting
- ✓ Since the start of the study process, all decisions have required evaluating the best decision against if we consolidate or if we don't consolidate, adding time and effort to every activity
- ✓ Staff have received feedback from multiple vendors/contractors that they prefer to wait to understand if there will be a consolidation before contracting with us
- ✓ The Strategic Plan was written to allow for the first two years to focus on the collection system and other projects that would not invest funds in assets that may be decommissioned soon, delaying critical treatment facility projects
- ✓ Treatment facility needs necessitate moving forward now with planning for repair and rehabilitation, so proposals were sought for rehabilitation of the biofilter and biotower
- ✓ Recruitments since the study started have all had an introduction emphasizing potential consolidation, which is a significant consideration for applicants
- ✓ Without any details on how staff would be transferred in a consolidation, there has been hesitation recruiting for a management position due to inability to address questions that are reasonably asked by applicants.
- ✓ With Lilia's retirement pending and the Board's approval to promote the DGM to GM, we must move forward now with recruitment to backfill for the DGM. Since the DGM assumed ESM duties, recruitment could be for either DGM or ESM.



## Consolidation Feasibility Study

### Continuing concerns with the study and pending report

- ✓ Level of detail that will be included in the report regarding how staff will be transitioned.
  - Our staff are not satisfied with verbal assurances that they will have a job with no details on any of the numerous employment factors like benefits and pension
  - Verbal statements received have been that once consolidation is determined, then the details will be worked through
  - MVSD staff have repeatedly reminded all participants that understanding staff impacts and transition has always been a key priority in being able to make a decision about consolidation
- ✓ Level of detail that will be included in the report to show the impact on our rate payers. Verbal statements received have included:
  - A consolidation will cost Central San nothing and our rate payers' rates will not go down but may freeze
  - Rates will not be included but revenue need will be
    - Revenue need is one aspect of setting rates
  - MVSD staff have repeatedly reminded all participants that understanding how our rate payers' rates would be impacted has always been a key priority in being able to make a decision about consolidation
- ✓ CalPERS contract termination to secure retirees benefits
  - Total unfunded pension liability is \$5.3M (6/30/25)
  - OPEB – 107% funded (6/30/25)
  - Contract termination – about \$22M (2025)

### Moving forward

- ✓ If a decision is reached *not* to move forward with consolidation:
  - The District will continue to move forward with the Strategic Plan and CIP to ensure responsible operation and maintenance of our facility
  - Messaging will need to be developed for both staff and rate payers. This could include using District platforms for messaging or hosting rate payers for a workshop.
- ✓ If a decision is reached to move forward with consolidation:
  - Staff will revisit the CIP and other planned projects to identify what is critical for only the next year or two.
  - Significant effort will be needed to reassure and retain staff

## Direction?



**Approved:**

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**Lilia M. Corona**  
**General Manager**

# STAFF REPORT

**TO:** Mt. View Sanitary District Board of Directors

**FROM:** Chris Elliott, District Engineer

**DATE:** October 22, 2026

**SUBJECT:** Collection System Risk Model and Capital Improvement Program

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## **RECOMMENDATION**

1. Receive a presentation from staff on the collection system risk model and capital improvement program.
2. Provide feedback / input.

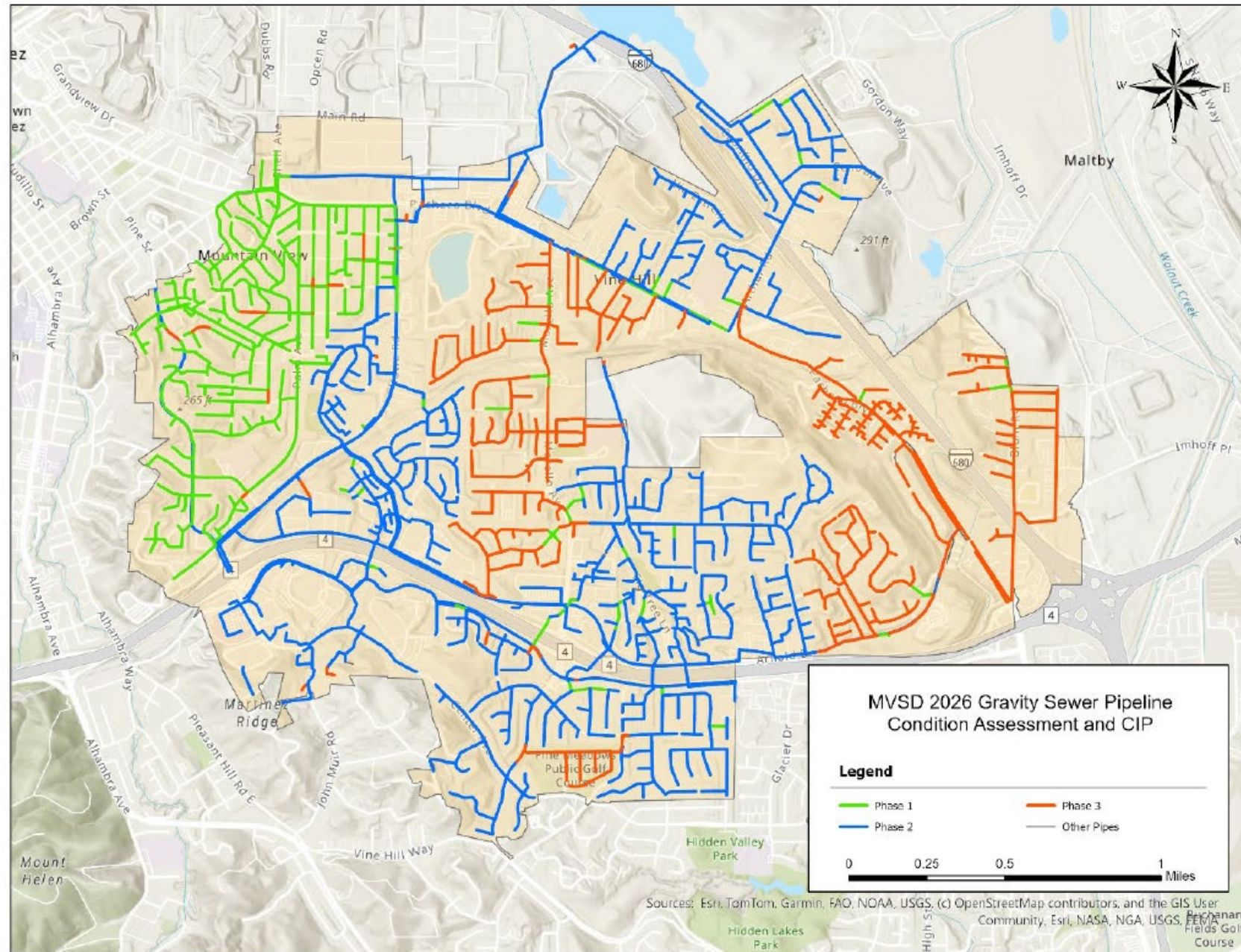
# **Collection System Risk Model & Capital Improvement Program**

Mt. View Sanitary District  
Strategic Planning Workshop  
October 22, 2026

# Condition Assessment Program

- Major milestone for the District
- Seven years in the making - 2019 to 2026.
- Pipeline Cleaning & Televising Phases 1, 2, & 3
- ~\$1.74M total program cost
- 2,074 of 2,093 gravity pipelines have received CCTV inspection and are included in the risk model. ~99.1%
  - Reasons for 19 outstanding are discussed in the report (e.g. abandoned, no manhole access, unable to locate, doesn't exist, inadvertent omission, not part of collection system)

FIGURE 2.1 MVSD SEWER PIPELINES BY INSPECTION PHASE



# Risk Model Development

- Developed in Microsoft Access
- Working model that reflects system needs at a specific point in time (summer 2026)
- Based on Likelihood of Failure (LOF) x Consequence of Failure (COF) factors developed from:
  - District's asset database (Phases 1, 2, & 3)
  - MMS
  - Contra Costa County publicly available GIS information
  - Caltrans data
  - RWQCB CIWQS spill data

# Risk Model Development

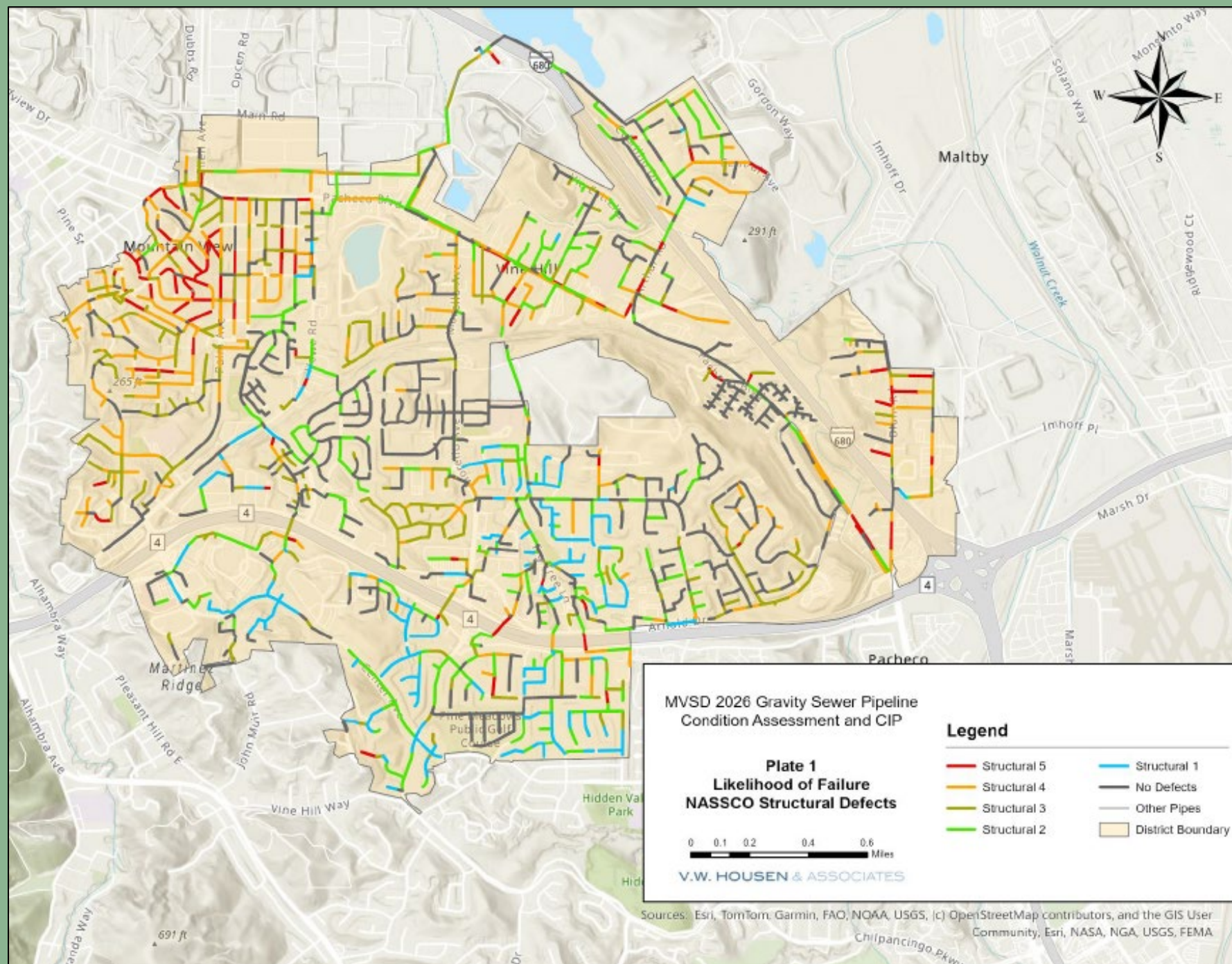
- LOF considered first, then priorities are refined based on COF
  - Both use assigned factors, weights, and scores.
- Risk = LOF x COF
- Results are sensitive to the assigned weights and scores that are used in the numerical algorithm, so it may be refined using an iterative process.

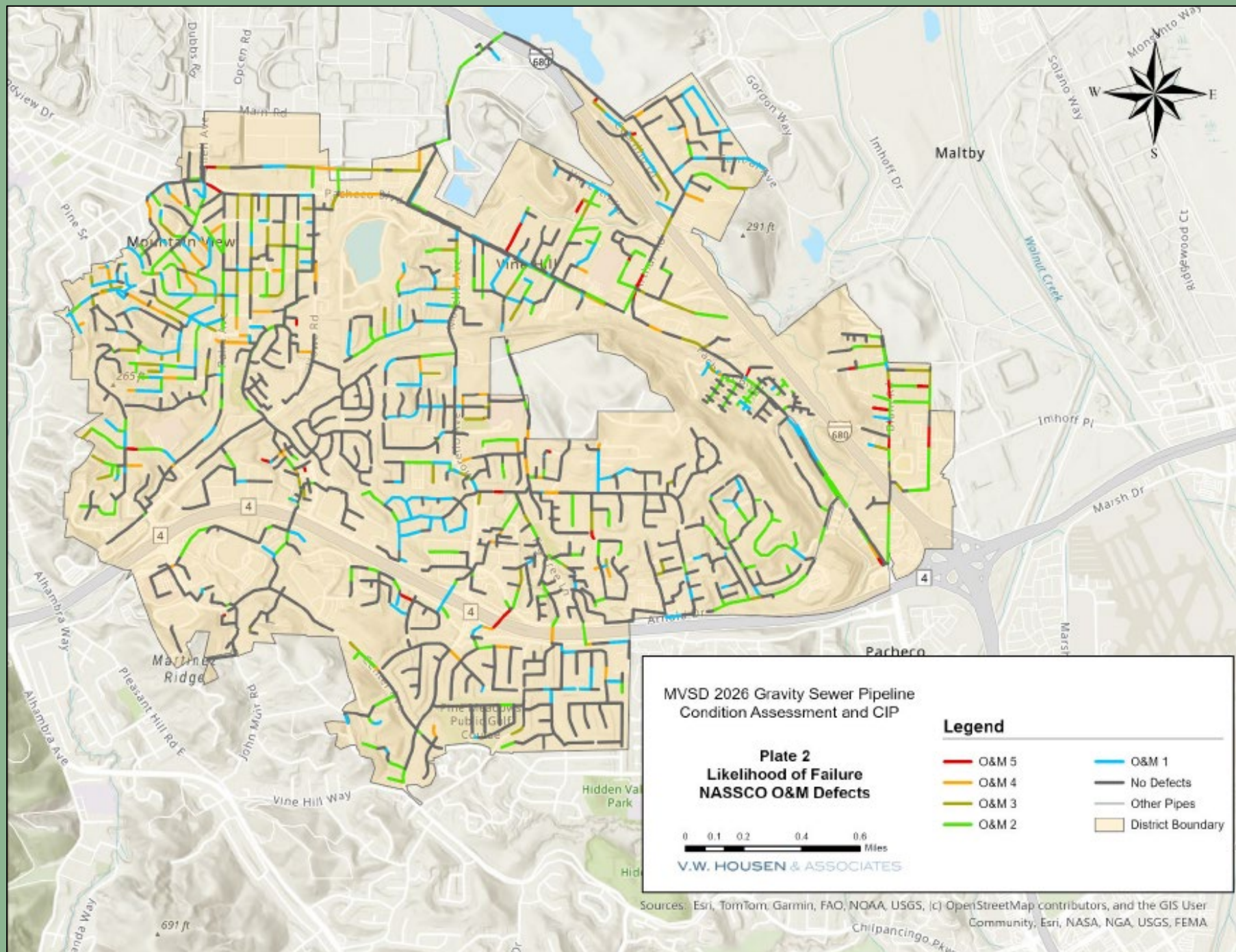
# Likelihood of Failure Factors

- Structural defects, as determined through Phases 1, 2, & 3 CCTV inspection (NASSCO scores)
- Operation & Maintenance defects, as determined through Phases 1, 2, & 3 CCTV inspection (NASSCO scores)
- Pipe size (e.g., less than 6 inches in diameter)
- Sanitary Sewer Spill history from the previous five years

**TABLE 3.5 LIKELIHOOD OF FAILURE METRICS, WEIGHTS, AND SCORES.**

| Likelihood of Failure           |                 |                                                                                    |              |               |
|---------------------------------|-----------------|------------------------------------------------------------------------------------|--------------|---------------|
| Likelihood of Failure Metric    | Relative Weight | Metric                                                                             | Metric Score | Highest Score |
| PACP Structural                 | 4               | Three or more Category 5 Defects                                                   | 10           | 40            |
|                                 |                 | One or More Category 5 Defects                                                     | 7            |               |
|                                 |                 | One or More Category 4 Defects OR Sag (“MWLS”) Category 3 or Higher; No Category 5 | 3            |               |
|                                 |                 | Category 3 Defects or Lower                                                        | 1            |               |
| PACP O&M                        | 3               | At Least One Category 5 Defect                                                     | 10           | 30            |
|                                 |                 | At Least One Category 4 Defect                                                     | 7            |               |
|                                 |                 | Infiltration Category 2 or Higher                                                  | 3            |               |
|                                 |                 | Category 3 Defects or Lower                                                        | 1            |               |
| Pipe Size                       | 2               | Diameter < 6"                                                                      | 10           | 20            |
|                                 |                 | Diameter >=6"                                                                      | 0.5          |               |
| Spills                          | 1               | Spill Event Within the preceding 5 Years                                           | 10           | 10            |
|                                 |                 | No Recent Events                                                                   | 1            |               |
| Max Likelihood of Failure Score |                 |                                                                                    |              | 100           |



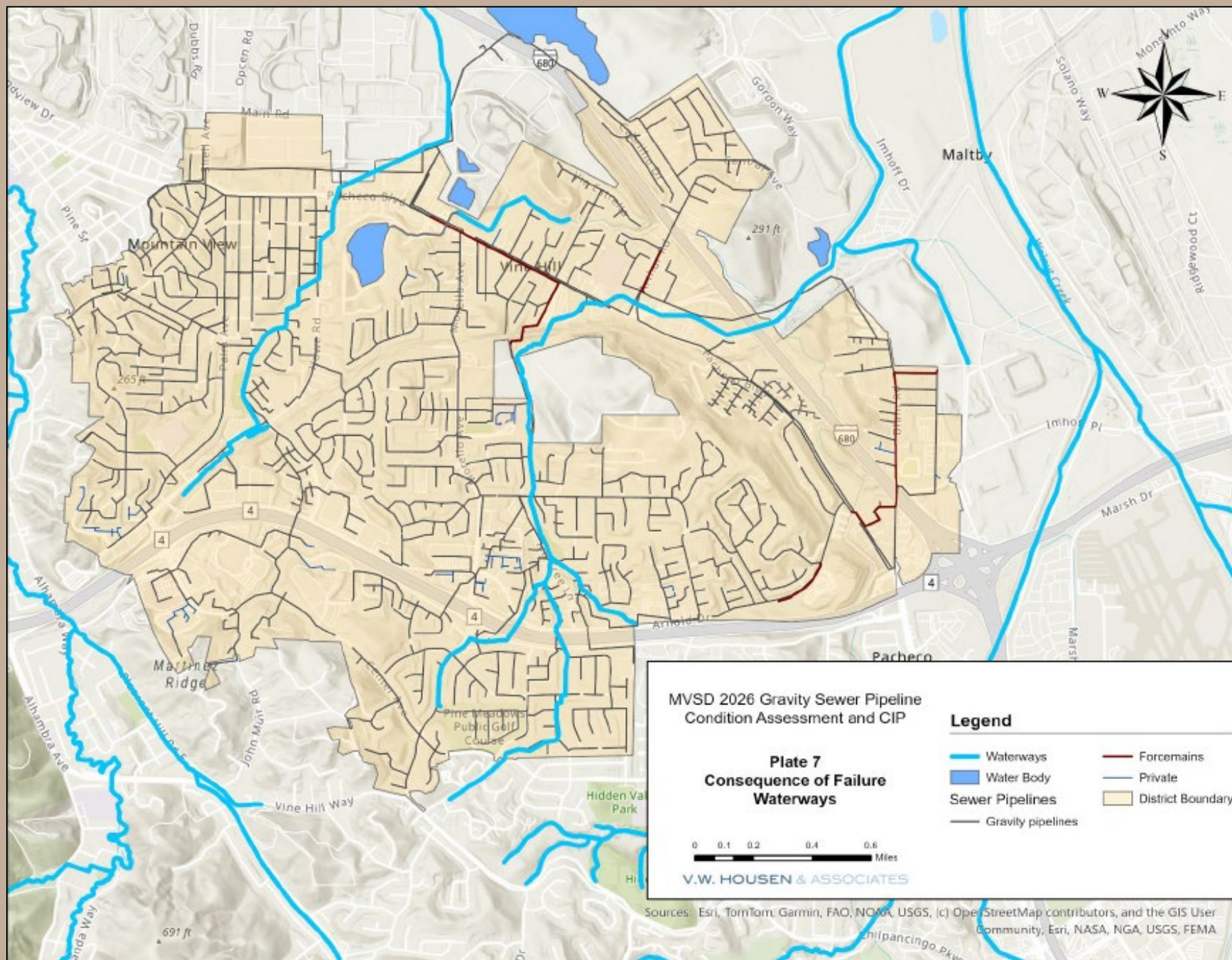


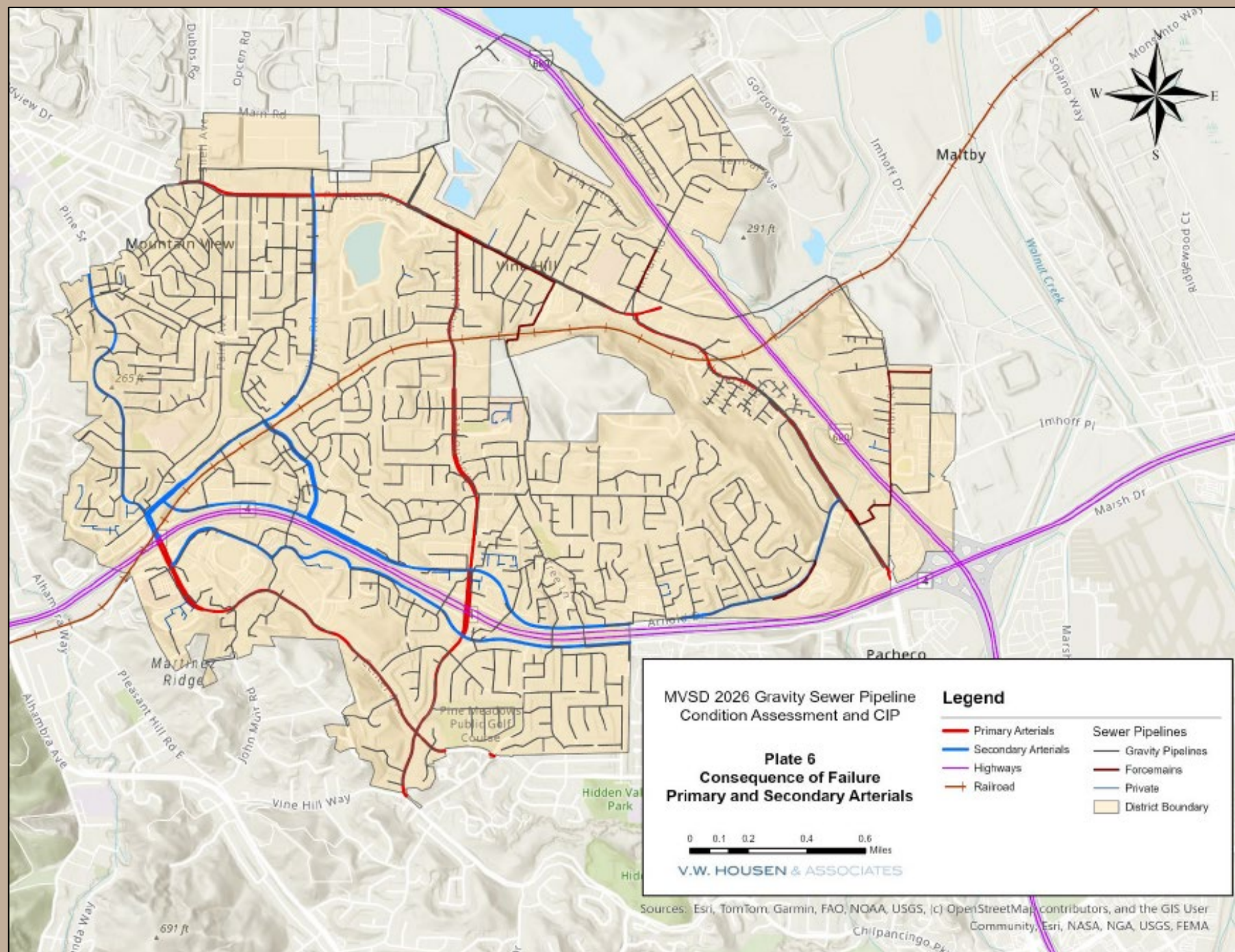
# Consequence of Failure Factors

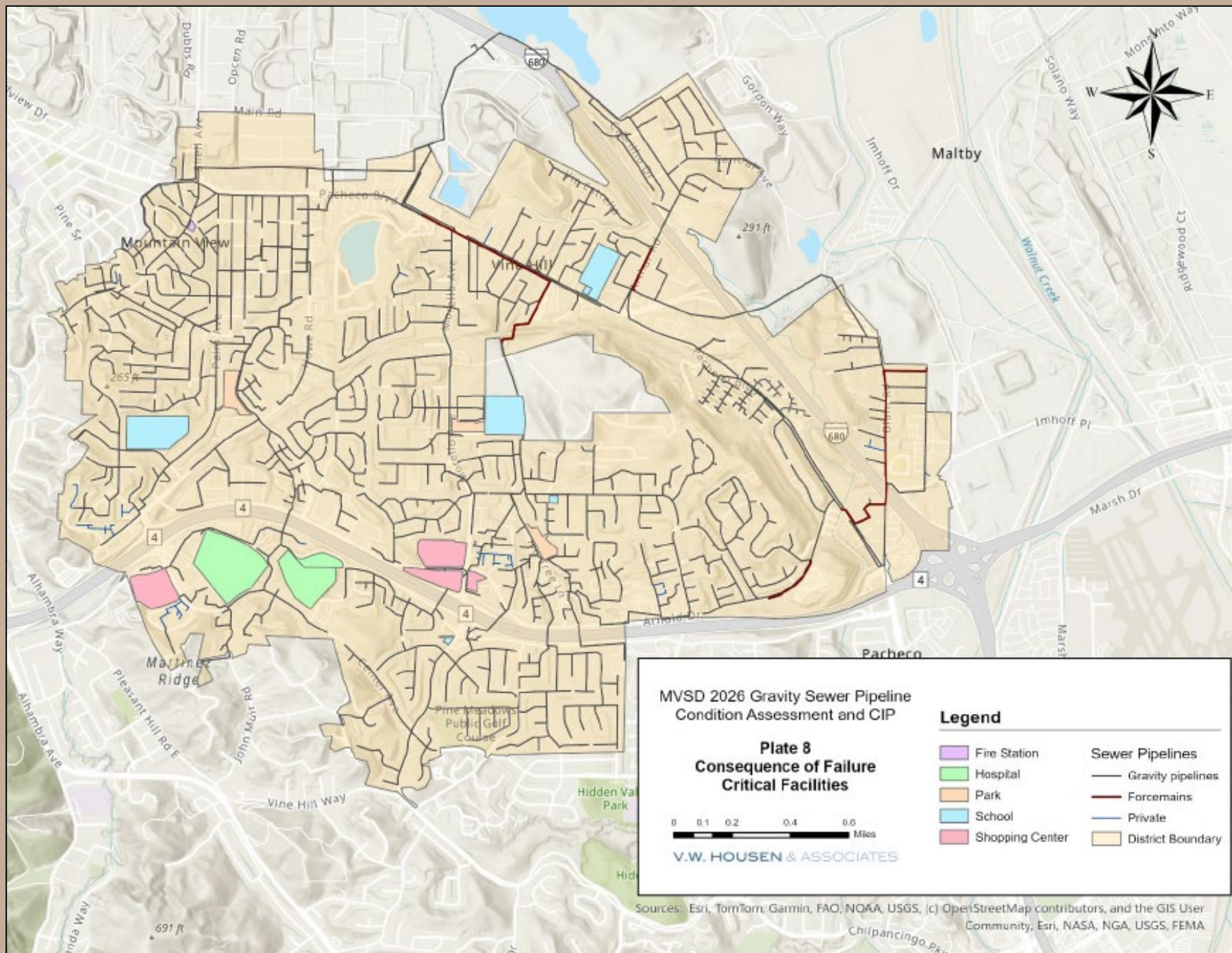
- Proximity to a waterway
- Proximity to a primary or secondary transportation corridor or railroad
- Proximity to public facilities, including schools, parks, fire stations, hospitals, police stations, and commercial areas
- Area served, as indicated by pipes that are more than 12 inches in diameter

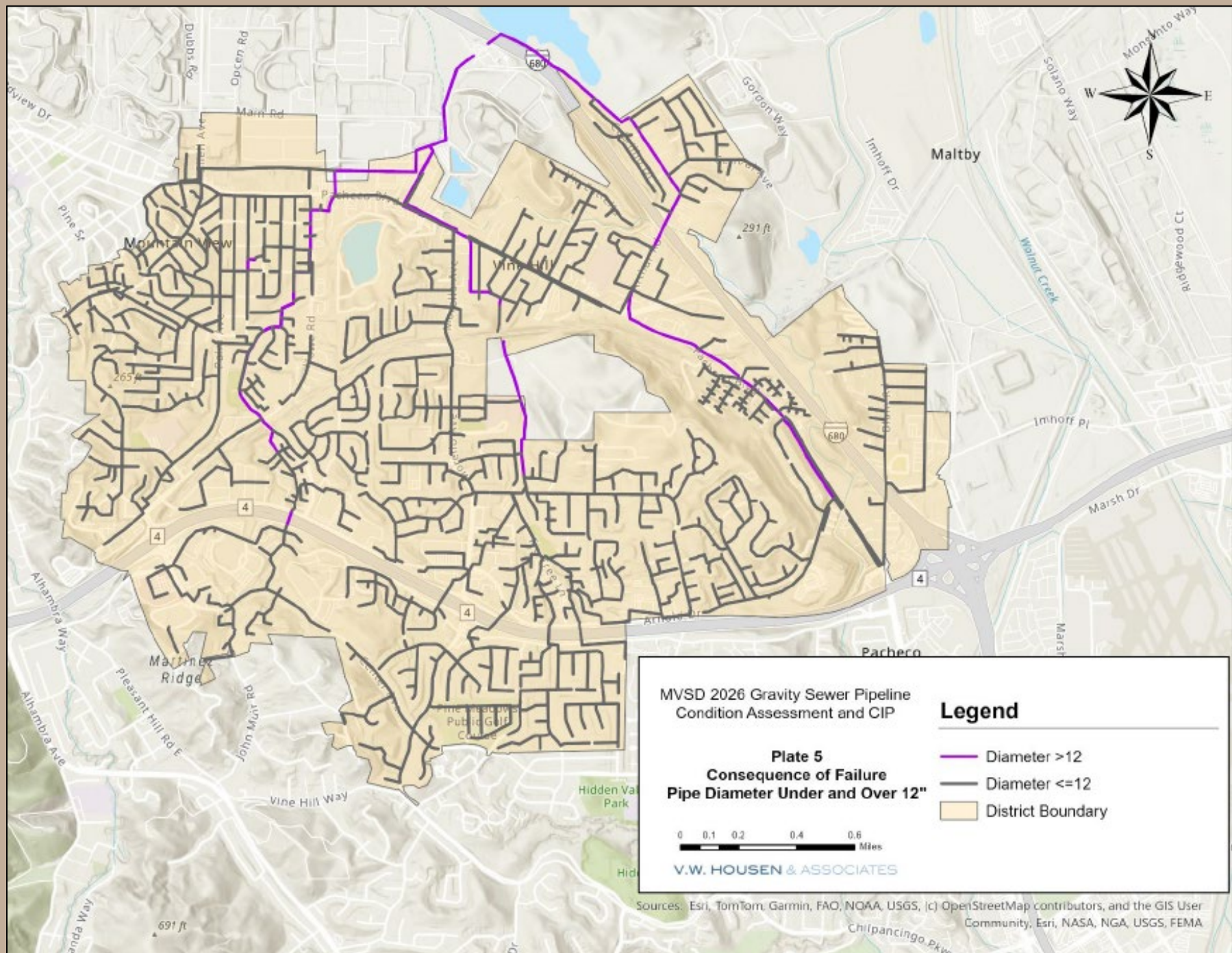
TABLE 3.6 CONSEQUENCE OF FAILURE METRICS, WEIGHTS, AND SCORES

| Consequence of Failure           |                 |                                                          |              |               |
|----------------------------------|-----------------|----------------------------------------------------------|--------------|---------------|
| Likelihood of Failure Metric     | Relative Weight | Metric                                                   | Metric Score | Highest Score |
| Area Impacted                    | 1               | Diameter > 12"                                           | 10           | 10            |
|                                  |                 | Diameter <= 12"                                          | 1            |               |
| Transportation Impact            | 3               | Intersecting Primary Arterial Road, Highway, or Railroad | 7            | 21            |
|                                  |                 | Intersecting Secondary Arterial Road                     | 5            |               |
|                                  |                 | Non-Arterial Roadway                                     | 1            |               |
| Proximity to Waterway            | 4               | Within 50' of a Water Body                               | 10           | 40            |
|                                  |                 | Within 100' of a Water Body                              | 7            |               |
|                                  |                 | Within 200' of a Water Body                              | 3            |               |
|                                  |                 | Further than 200' from a Water Body                      | 1            |               |
| Proximity to Critical Facilities | 2               | Pipe Meets One or More of the Following Conditions:      | 10           | 20            |
|                                  |                 | Impedes Access to Parks                                  |              |               |
|                                  |                 | Impedes Access to Schools                                |              |               |
|                                  |                 | Impedes Access to Fire Stations                          |              |               |
|                                  |                 | Impedes Access to Hospitals                              |              |               |
|                                  |                 | Impedes Access to Police Stations                        |              |               |
|                                  |                 | Impedes Access to Shopping Center                        |              |               |
|                                  |                 | No Impact on Critical Location                           | 1            |               |
| Max Consequence of Failure Score |                 |                                                          |              | 91            |



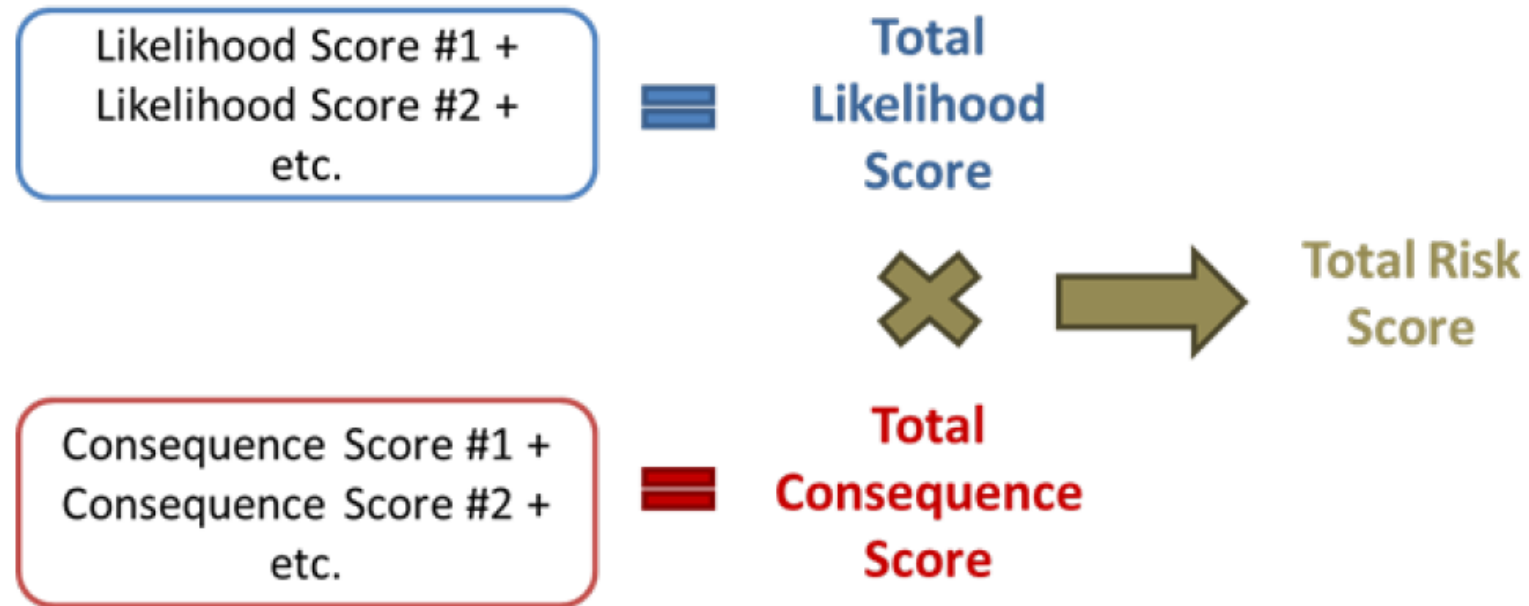






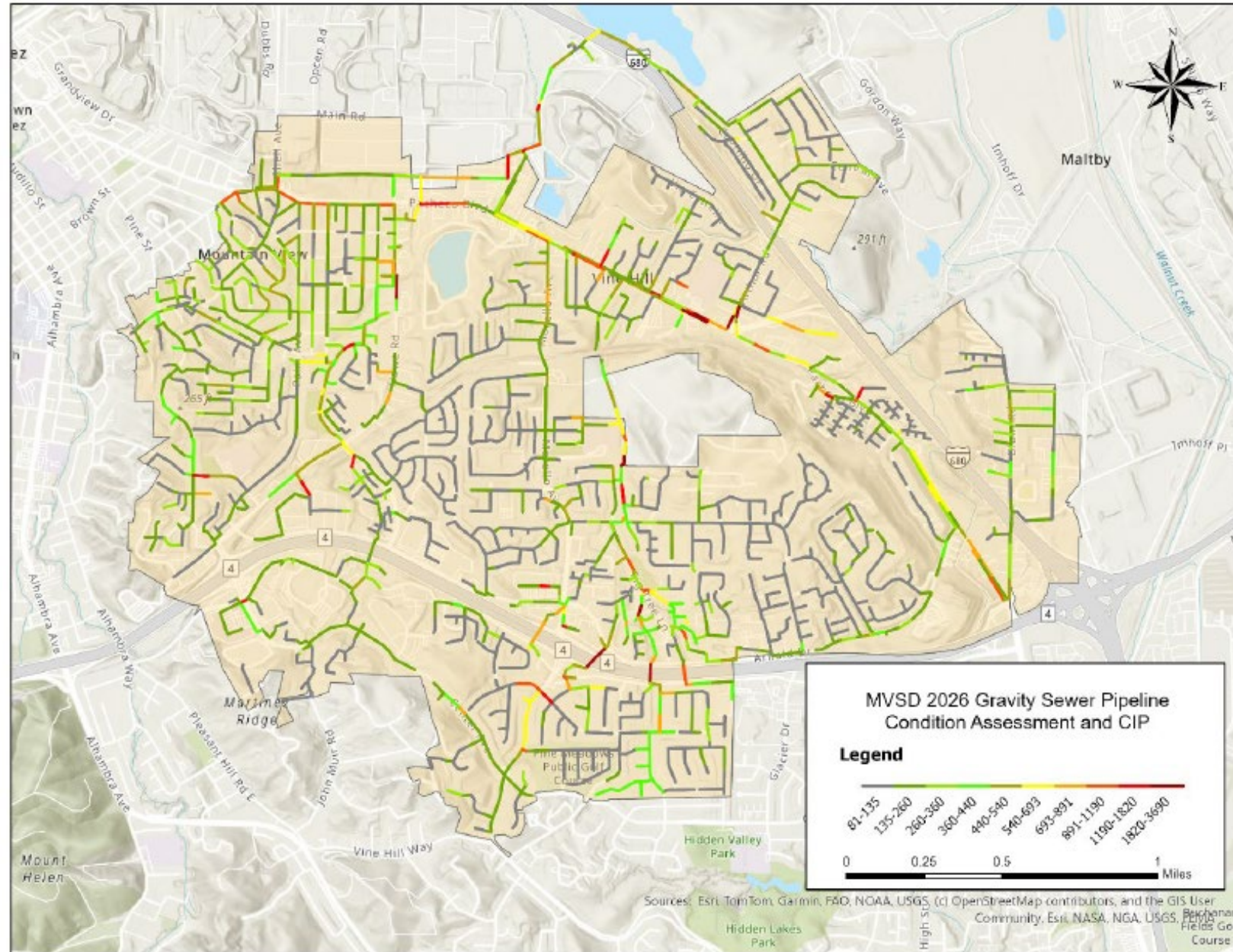
# Total Risk Score Calculation

FIGURE 3.3 TOTAL RISK SCORE CALCULATION



The Risk Score is a relative number, to be compared to similar scores for other pipes in the same model run. The Risk Score, when considered alone, has no numerical significance.

FIGURE 3.4 RISK SCORE DISTRIBUTION FOR PIPES WITH CCTV INSPECTIONS



# Priority Groups

- **Priority Group 1/Highest Risk** (Risk Score of 1,122 to 3,690): Highest Risk pipes have structural Grade 5 defects, are within 200 feet of a creek or waterway as discussed above, and have a Risk Score of 924 or higher.
  - 8 lines
  - 2,052 combined lineal feet (0.5% of gravity system)
- **Priority Group 2/High Risk** (Risk Score of 924 to 1,680): High Risk pipes have structural Grade 5 defects, have a Risk Score of 924 or higher, and are not within 200 feet of a creek or waterway as discussed above. This group includes P07007 to P07009, which is also included in the District's capacity project C-01.
  - 22 lines
  - 5,123 combined lineal feet (1.3% of gravity system)

# Priority Groups

- **Priority Group 3** (Risk Scores from 450 to 726): These 14 pipes are taken out of sequence with regard to their risk score. Three pipes have at least one structural Grade 5 defect and at least one consequence factor (a Consequence of Failure score of greater than ten). Eleven pipes have at least three structural Grade 5 defects and no consequence factors. This group includes W03010 to W03011 that is also identified as the District's capacity project C-05.
  - 14 lines
  - 3,841 combined lineal feet (1.0% of gravity system)
- **Priority Group 4** (Risk Scores from 578 to 2,240): These pipes have at least one Grade 4 defect and are within 100 feet of a creek or waterway. This group includes P05003 to P05021, which is also included in the District's capacity project C-02.
  - 21 lines
  - 5,651 combined lineal feet (1.4% of gravity system)

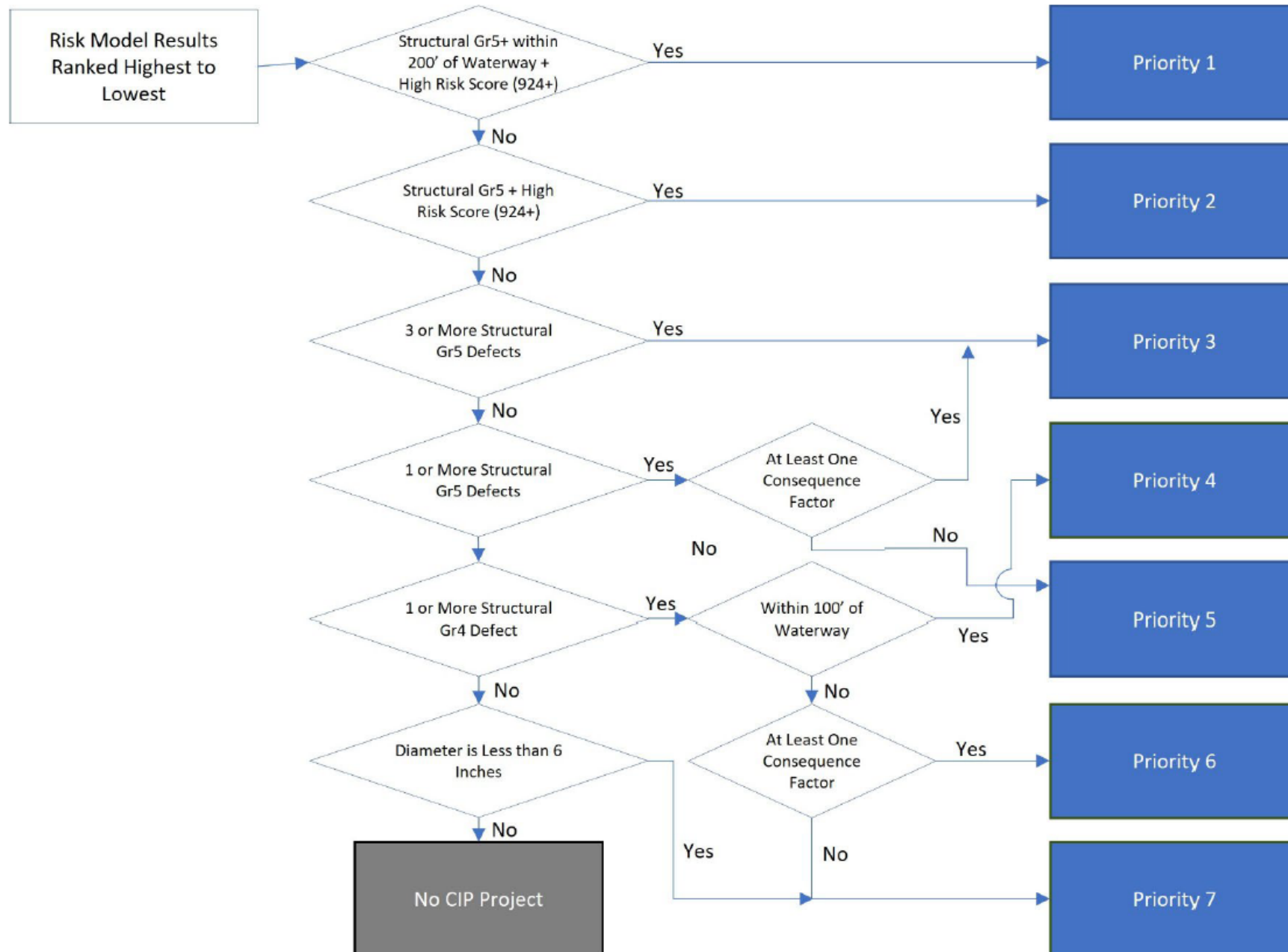
# Priority Groups

- **Priority Group 5:** (Risk Scores from 330 to 600): These pipes have one or two structural Grade 5 defects but no consequence factors. Risk of failure is considerably lower, as a result. These pipes are more likely to require point repairs in lieu of replacement.
  - 65 lines
  - 17,344 combined lineal feet (4.3% of gravity pipelines)
- **Priority Group 6** (Risk Scores from 306 to 1,760): These pipes have at least one structural Grade 4 defect but no structural Grade 5 defects. In addition, each pipe has at least one consequence factor that increases its risk of failure. These lines should be flagged for review to confirm that the Grade 4 defects do not progress to Grade 5 status. This group includes P10025 to P10004, which is also included in the District's capacity project C-01.
  - 80 lines
  - 20,087 combined lineal feet (5.0% of gravity pipelines)

# Priority Groups

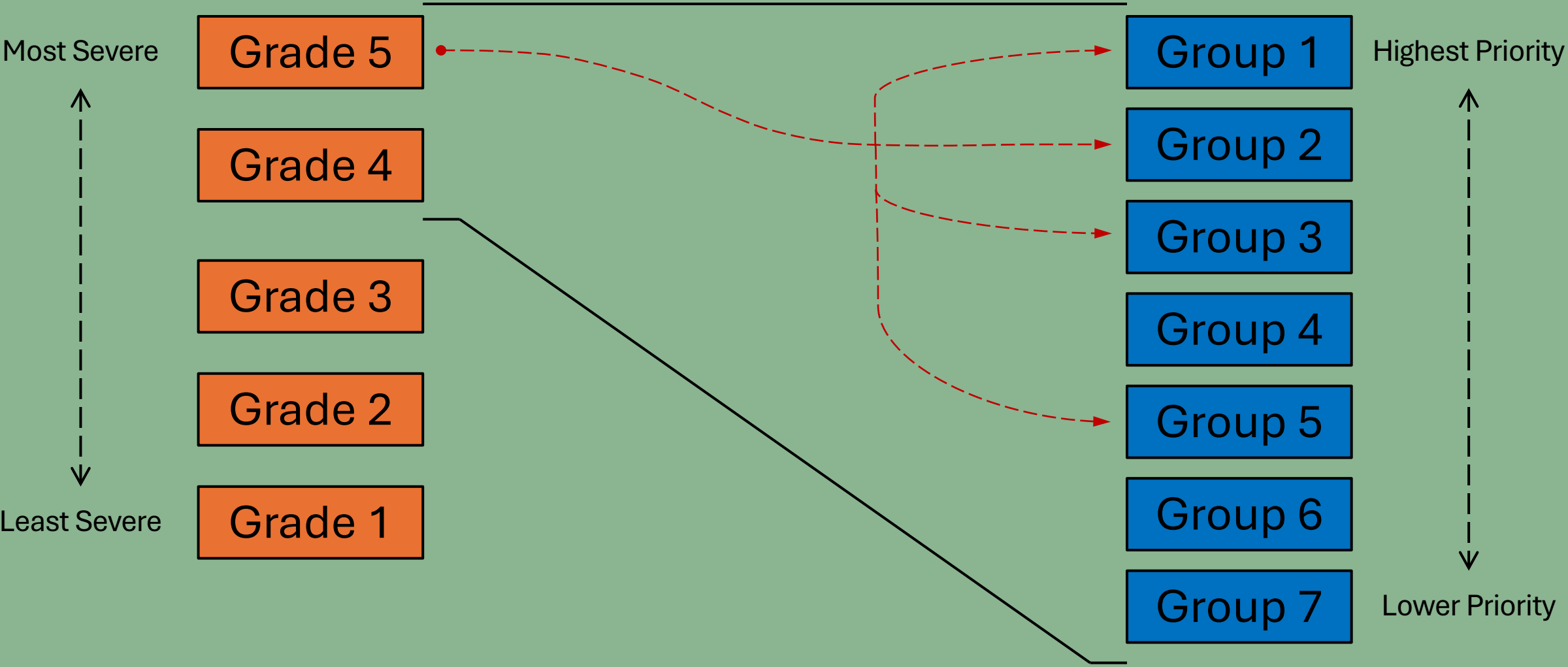
- **Priority Group 7** (Risk Scores from 170 to 504): These pipes have at least one structural Grade 4 defect and no consequence factors. As a result, the relative risk of failure is lower than the higher priority groups. These lines should be flagged for review to confirm that the Grade 4 defects do not progress to Grade 5 status. This group also includes five pipes without structural Grade 4 or 5 defects but with diameters less than 6 inches. This group also includes W04001 to W04002, W04041 to W04001, and W04053 to W04040, which are also included in the District's capacity projects C-04 and C-06.
  - 212 lines
  - 46,300 combined lineal feet (11.6% of gravity pipelines)

FIGURE 4.1 PRIORITIZATION APPROACH



# Structural Defects

# Priority Groups



# Estimated Construction Costs

- Cost estimating options considered (from highest to lowest cost magnitude):
  - 1) *All Grade 5 + all Grade 4 defects*
    - Most ambitious approach to address all significant structural defects
  - 2) *All Grade 5 defects + adjacent Grade 4 defects + Grade 4 defects near waterways*
    - Minimizes repetitive neighborhood / community impacts
    - Increases efficiency and lowers overall cost by mobilizing to a street / neighborhood only once
    - Addresses significant structural defects with 'proximity to waterway' consequence of failure metric

# Estimated Construction Costs

- Cost estimating options considered (highest to lowest cost magnitude):

3) *All Grade 5 defects + adjacent Grade 4 defects only*

- Minimizes repetitive neighborhood / community impacts
- Increases efficiency and lowers overall cost by mobilizing to a street / neighborhood only once
- Consistent with reasonable standard for annual rate of collection system replacement

4) *All Grade 5 defects only*

- Manages risk by addressing the worst structural defects

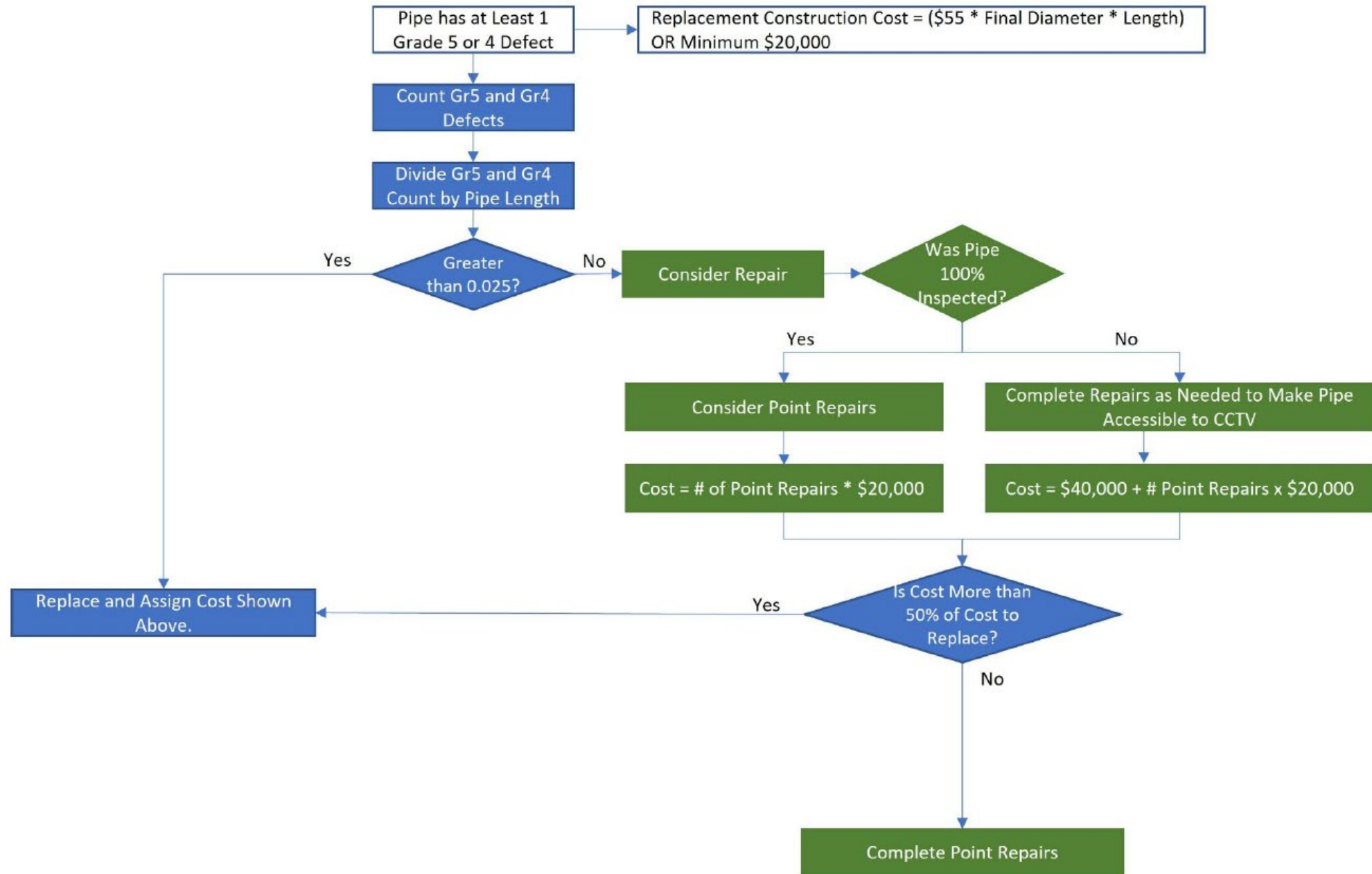
# Estimated Construction Costs

- Construction cost assumptions are discussed in detail in the report.
  - Pipeline replacement at \$55 / inch diameter foot, minimum \$20K
  - Point Repair at \$20K / each when  $\leq 2.5$  Grade 4 & 5 defects per 100'
  - Manhole at \$20K / each assuming 3 for every 10 pipelines
- All construction costs are preliminary and must be refined during project design.
  - Specific location, condition, and construction needs are unknown at this time and will likely increase costs later.

# Estimated Construction Costs

- All construction costs are in current (2026) dollars without escalation to mid-point of construction.
  - Escalation is added in the CIP and annotated in this presentation. 1.033% / year
- All construction costs exclude engineering (design & ESDC), administration, permitting, CM & inspection, change contingencies, etc.
  - These are also added in the CIP and annotated in this presentation.  $\uparrow 50\% \pm$
  - Design 15%, ESDC 7%
  - CM & inspection duration ~7 months (this may change once a preliminary construction schedule is developed)
  - Change contingency 10%
  - Permitting, testing, etc. <\$50K (held constant, not escalated)

**FIGURE 5.1 COST ESTIMATING DECISION FLOWCHART**



# All Grade 5 Defects + All Grade 4 Defects

(not presented as CIP, just Priority Groups without escalation or ancillary costs)

**TABLE 5.1 SUMMARY OF COSTS BY PRIORITY GROUP, ASSUMING ALL STRUCTURAL GRADE 5 AND 4 DEFECTS ARE ADDRESSED**

| Priority Group | Pipe Count | Length (ft)    | Recommended Action | Estimated Construction Cost | Estimated MH Repairs  | Estimated Total Construction Cost |
|----------------|------------|----------------|--------------------|-----------------------------|-----------------------|-----------------------------------|
| 1              | 8          | 2,052          | Point Repair       | \$80,000                    | \$40,000              | \$761,080                         |
|                |            |                | Replacement        | \$641,080                   |                       |                                   |
| 2              | 22         | 5,123          | Point Repair       | \$440,000                   | \$80,000              | \$1,578,180                       |
|                |            |                | Replacement        | \$1,058,180                 |                       |                                   |
| 3              | 14         | 3,841          | Point Repair       | \$60,000                    | \$60,000              | \$1,504,680                       |
|                |            |                | Replacement        | \$1,384,680                 |                       |                                   |
| 4              | 21         | 5,651          | Point Repair       | \$340,000                   | \$40,000              | \$1,288,600                       |
|                |            |                | Replacement        | \$908,600                   |                       |                                   |
| 5              | 65         | 17,344         | Point Repair       | \$920,000                   | \$280,000             | \$6,279,080                       |
|                |            |                | Replacement        | \$5,079,080                 |                       |                                   |
| 6              | 80         | 20,087         | Point Repair       | \$1,480,000                 | \$180,000             | \$4,824,770                       |
|                |            |                | Replacement        | \$3,164,770                 |                       |                                   |
| 7              | 207        | 45,990         | Point Repair       | \$3,060,000                 | \$620,000             | \$13,186,560                      |
|                |            |                | Replacement        | \$9,506,560                 |                       |                                   |
| <b>Totals</b>  | <b>417</b> | <b>100,088</b> |                    | <b>\$28,122,950.00</b>      | <b>\$1,300,000.00</b> | <b>\$29,422,950.00</b>            |

# All Grade 5 Defects, + Adjacent Grade 4 Defects Only

**TABLE 6.2 CIP SUMMARY AND COSTS BY FISCAL YEAR (GRADE 5 AND ADJACENT GRADE 4)**

| Fiscal Year   | Pipe Count | Length (ft)  | Recommended Action | Estimated Construction Cost | Estimated MH Repairs | Estimated Total Construction Cost | Estimated Total CIP Cost |
|---------------|------------|--------------|--------------------|-----------------------------|----------------------|-----------------------------------|--------------------------|
| 2028-29       | 20         | 4224         | Point Repair       | \$120,000                   | \$100,000            | \$1,891,870                       | \$ 3,096,000.00          |
|               |            |              | Replacement        | \$1,671,870                 |                      |                                   |                          |
| 2029-30       | 18         | 4634         | Point Repair       | \$440,000                   | \$40,000             | \$1,180,920                       | \$ 2,129,000.00          |
|               |            |              | Replacement        | \$700,920                   |                      |                                   |                          |
| 2030-31       | 19         | 5532         | Point Repair       | \$100,000                   | \$100,000            | \$2,290,330                       | \$ 3,920,000.00          |
|               |            |              | Replacement        | \$2,090,330                 |                      |                                   |                          |
| 2031-32       | 18         | 4520         | Point Repair       | \$0                         | \$100,000            | \$2,150,050                       | \$ 3,825,000.00          |
|               |            |              | Replacement        | \$2,050,050                 |                      |                                   |                          |
| 2032-33       | 19         | 4865         | Point Repair       | \$60,000                    | \$100,000            | \$2,195,160                       | \$ 4,021,000.00          |
|               |            |              | Replacement        | \$2,035,160                 |                      |                                   |                          |
| 2033-34       | 22         | 4700         | Point Repair       | \$0                         | \$140,000            | \$2,200,280                       | \$ 4,164,000.00          |
|               |            |              | Replacement        | \$2,080,280                 |                      |                                   |                          |
| 2034-35       | 16         | 3860         | Point Repair       | \$0                         | \$100,000            | \$1,864,840                       | \$ 3,699,000.00          |
|               |            |              | Replacement        | \$1,764,840                 |                      |                                   |                          |
| 2035-36       | 22         | 6668         | Point Repair       | \$780,000                   | \$20,000             | \$1,481,080                       | \$ 3,117,000.00          |
|               |            |              | Replacement        | \$641,080                   |                      |                                   |                          |
| <b>Totals</b> | <b>154</b> | <b>39003</b> |                    | <b>\$14,534,530.00</b>      | <b>\$700,000.00</b>  | <b>\$15,234,530.00</b>            | <b>\$ 27,971,000.00</b>  |

# All Grade 5 Defects Only

**TABLE 6.1 CIP SUMMARY AND COSTS BY FISCAL YEAR (GRADE 5'S ONLY)**

| Fiscal Year   | Pipe Count | Length (ft)  | Recommended Action | Estimated Construction Cost | Estimated MH Repairs | Estimated Total Construction Cost | Estimated Total CIP Cost |
|---------------|------------|--------------|--------------------|-----------------------------|----------------------|-----------------------------------|--------------------------|
| 2028-29       | 15         | 3258         | Point Repair       | \$120,000                   | \$80,000             | \$1,364,660                       | \$ 2,330,000.00          |
|               |            |              | Replacement        | \$1,164,660                 |                      |                                   |                          |
| 2029-30       | 18         | 4634         | Point Repair       | \$440,000                   | \$40,000             | \$1,180,920                       | \$ 2,129,000.00          |
|               |            |              | Replacement        | \$700,920                   |                      |                                   |                          |
| 2030-31       | 11         | 3312         | Point Repair       | \$100,000                   | \$40,000             | \$1,222,840                       | \$ 2,257,000.00          |
|               |            |              | Replacement        | \$1,082,840                 |                      |                                   |                          |
| 2031-32       | 11         | 2937         | Point Repair       | \$0                         | \$60,000             | \$1,352,280                       | \$ 2,545,000.00          |
|               |            |              | Replacement        | \$1,292,280                 |                      |                                   |                          |
| 2032-33       | 11         | 2758         | Point Repair       | \$60,000                    | \$60,000             | \$1,220,840                       | \$ 2,410,000.00          |
|               |            |              | Replacement        | \$1,100,840                 |                      |                                   |                          |
| 2033-34       | 12         | 2537         | Point Repair       | \$0                         | \$80,000             | \$1,201,320                       | \$ 2,448,000.00          |
|               |            |              | Replacement        | \$1,121,320                 |                      |                                   |                          |
| 2034-35       | 11         | 2441         | Point Repair       | \$0                         | \$60,000             | \$1,200,480                       | \$ 2,525,000.00          |
|               |            |              | Replacement        | \$1,140,480                 |                      |                                   |                          |
| 2035-36       | 20         | 6483         | Point Repair       | \$780,000                   | \$20,000             | \$1,359,680                       | \$ 2,906,000.00          |
|               |            |              | Replacement        | \$559,680                   |                      |                                   |                          |
| <b>Totals</b> | <b>109</b> | <b>28360</b> |                    | <b>\$9,663,020.00</b>       | <b>\$440,000.00</b>  | <b>\$10,103,020.00</b>            | <b>\$ 19,550,000.00</b>  |

| <i>CIP Year</i>                                  | <i>FY 2026-27</i> | <i>FY 2027-28</i> | <i>FY 2028-29</i> | <i>FY 2029-30<sup>1</sup></i> | <i>FY 2030-31<sup>2</sup></i> | <i>FY 2031-32<sup>3</sup></i> | <i>FY 2032-33</i> | <i>FY 2033-34</i> | <i>FY 2034-35</i> | <i>FY 2035-26</i> | <i>Total Costs</i> |
|--------------------------------------------------|-------------------|-------------------|-------------------|-------------------------------|-------------------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Priority Group 1 (Grade 5)                       |                   |                   | \$ 721,080        |                               |                               |                               |                   |                   |                   |                   | \$ 721,080         |
| Priority Group 2 (Grade 5)                       |                   |                   | \$ 397,260        | \$ 1,100,920                  |                               |                               |                   |                   |                   |                   | \$ 1,498,180       |
| Priority Group 3 (Grade 5)                       |                   |                   |                   | \$ 40,000                     | \$ 212,720                    | \$ 426,800                    | \$ 378,400        | \$ 386,760        |                   |                   | \$ 1,444,680       |
| Priority Group 4 Adjacent (Grade 4)              |                   |                   | \$ 256,520        |                               |                               |                               |                   |                   |                   |                   | \$ 256,520         |
| Priority Group 5 (Grade 5)                       |                   |                   | \$ 166,320        |                               | \$ 970,120                    | \$ 865,480                    | \$ 782,440        | \$ 734,560        | \$ 1,140,480      | \$ 1,339,680      | \$ 5,999,080       |
| Priority Group 6 Adjacent (Grade 4)              |                   |                   | \$ 191,730        |                               |                               |                               |                   |                   | \$ 155,320        |                   | \$ 347,050         |
| Priority Group 7 Adjacent (Grade 4)              |                   |                   | \$ 58,960         |                               | \$ 1,007,490                  | \$ 757,770                    | \$ 934,320        | \$ 958,960        | \$ 469,040        | \$ 81,400         | \$ 4,267,940       |
| Manhole Repairs (Grade 5)                        |                   |                   | \$ 80,000         | \$ 40,000                     | \$ 40,000                     | \$ 60,000                     | \$ 60,000         | \$ 80,000         | \$ 60,000         | \$ 20,000         | \$ 440,000         |
| Additional Manhole Repairs<br>(Adjacent Grade 4) |                   |                   | \$ 20,000         |                               | \$ 60,000                     | \$ 40,000                     | \$ 40,000         | \$ 60,000         | \$ 40,000         |                   | \$ 260,000         |
| Total Cost (Grade 5 Only)                        |                   |                   | \$ 1,364,660      | \$ 1,180,920                  | \$ 1,222,840                  | \$ 1,352,280                  | \$ 1,220,840      | \$ 1,201,320      | \$ 1,200,480      | \$ 1,359,680      | \$ 10,103,020      |
| Total Cost<br>(Grade 5 + Adjacent Grade 4)       |                   |                   | \$ 1,891,870      | \$ 1,180,920                  | \$ 2,290,330                  | \$ 2,150,050                  | \$ 2,195,160      | \$ 2,220,280      | \$ 1,864,840      | \$ 1,441,080      | \$ 15,234,530      |

Notes:

1. P07007 P07009 is included in a District capacity project.
2. W04001 W04002; W04053 W04040; and W04041 W04001 are included in District capacity projects.
3. W03010 W03011 is included in a District capacity project.

# **Discussion Questions for Board of Directors Consideration and Feedback / Input**

# Discussion Questions

## 1) What should be the District's collection system repair philosophy or approach going forward?

- Decide between cost options (from highest to lowest cost magnitude):
  - *All Grade 5 + all Grade 4 defects*
    - Not calculated; may extrapolate cost to be \$52M - \$57M
  - *All Grade 5 defects + adjacent Grade 4 defects + Grade 4 defects near waterways*
    - Covered in report but not in presentation; may extrapolate cost to be ~\$31M
  - *All Grade 5 defects + adjacent Grade 4 defects only*
    - Cost estimated at ~\$28M
  - *All Grade 5 defects only*
    - Cost estimated at ~\$20M

# Discussion Questions

## 1) What should be the District's collection system repair philosophy or approach going forward?

- Risk management
  - Must weigh the consequence of failure components of the total risk scores
  - Must ensure protections against future regulatory and / or 3<sup>rd</sup> party “aggression”
- Financial resources
  - Must consider sewer rates and funding needs
    - Will do preliminary 10-year CIP update to add this alongside other ongoing / upcoming projects in plant, pump stations, and collection system
    - Will then incorporate preliminary 10-year CIP update into upcoming sewer service charge rate setting study to accurately reflect annual CIP cash flow projections in results
  - Must consider escalation – the increasing costs of capital improvements over time

# Discussion Questions

## 1) What should be the District's collection system repair philosophy or approach going forward?

- Human resources

- Must consider staffing needs for collection system portion of the CIP alone
  - Currently presented as 8-phase plan with Phase 1 design beginning in FY28
  - Simultaneous design and construction for at least 7 years
  - Likely to take longer, encounter delays, etc.
- Must consider staffing needs for rest of CIP workload (the other ongoing / upcoming projects in plant, pump stations, and collection system) as well
- May want / need to consider a programmatic approach
- May want / need to consider alternative project delivery methods
  - Research, learning, and evaluation of this commencing with two upcoming CIP projects

# Discussion Questions

**2) What, if anything, might be the immediate and / or long-term impacts on the Consolidation Feasibility Study?**

- Final draft report was transmitted to Raftelis in late September.

# **Discussion & Questions**



AGENDA DATE: 10/22/2026

AGENDA ITEM: 3C

**Approved:**

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**Lilia M. Corona**  
**General Manager**

# STAFF REPORT

**TO:** Mt. View Sanitary District Board of Directors

**FROM:** Chris Elliott, District Engineer

**DATE:** October 22, 2026

**SUBJECT:** Revised Capital Improvement Program Fiscal Year 2025-26 Update and Fiscal Year 2026-27 Capital Improvement Program Work Plan

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## **RECOMMENDATION**

1. Receive a report from staff on the Fiscal Year 2026-27 (FY27) CIP work plan.
2. Adopt a motion approving the revised Capital Improvement Program (CIP) Fiscal Year 2025-26 (FY26) Update.

## **BACKGROUND**

The CIP is typically updated and presented to the Board biennially for approval. A draft CIP Update was presented to the Board on May 8, 2025, and the final CIP Update was presented to and approved by the Board on July 10, 2025.

## **DISCUSSION**

### *CIP Update Revision*

The July 10, 2025, CIP FY26 Update incorporated a "2-year CIP" and also contained language referring to CIP projects as either "funded" or "unfunded." These have been removed, and the Introduction section has been rewritten accordingly. Several

other minor changes were also made, most notably to revise the Pump Stations Rehabilitation & Improvements to be included as a full project rather than just a single phase of that project. Other than these changes, the revised CIP FY26 Update remains largely the same as that of July 10, 2025. A full, 10-year CIP Update is planned to be prepared and presented to the Board next summer on the regular biennial interval. The revised CIP FY26 Update is digitally attached to this staff report; printed copies are available upon request.

### *Fiscal Year 2025-26 Recap*

The following projects were completed last fiscal year.

**Condition Assessment Program / Pipeline Cleaning & Televising Phase 3:** The project was substantially completed on August 30, 2025. Pending completion of remaining closeout items, the project is planned to be presented to the Board for final acceptance at an upcoming Board meeting. The total project cost will be tallied and reported at that time, but is anticipated to be approximately \$506,000.

**888 Howe Road Sanitary Sewer Replacement:** The project was substantially completed on June 30, 2026. Pending completion of remaining closeout items, the project is planned to be presented to the Board for final acceptance at an upcoming Board meeting. The total project cost will be tallied and reported at that time, but is anticipated to be approximately \$1,242,000.

**Trunk Manholes Rehabilitation:** The project was substantially completed on June 22, 2026. Pending completion of remaining closeout items, the project is planned to be presented to the Board for final acceptance at an upcoming Board meeting. The total project cost will be tallied and reported at that time, but is anticipated to be approximately \$571,000.

**Palm Ave. Repairs:** The project was completed in January 2026. The total project cost was \$26,350.00.

### *Fiscal Year 2026-27 Work Plan*

The FY27 CIP work plan is summarized as follows. Further detailed information regarding each project may be found in the attached revised CIP FY26 Update.

**Inflow & Infiltration (I&I) Reduction Program:** The I&I Reduction Investigations study portion of the Program has already begun this fall, will continue through the winter, and will likely conclude sometime next spring. The FY27 budget is \$258,000.

**Biofilter & Biotower Rehabilitation:** A request for proposal process began earlier this summer and will conclude later this fall. Preliminary design work will begin immediately thereafter and continue through the remainder of the fiscal year. The FY27 budget is \$80,000.

**Pump Stations Rehabilitation & Improvements:** A request for proposal process began earlier this summer and will conclude later this fall. Design work will begin immediately thereafter and continue through the remainder of the fiscal year. The FY27 budget is \$194,000.

**Influent Valve Pit Knife Gate Valve Replacement:** In-house design was completed in FY26. In-house construction, with some welding contractor support, is planned to be undertaken sometime later in FY27. The FY27 budget has been accounted for by Operations staff in Fund 3410 (Facilities Rehabilitation).

**Sludge Pump No. 4 Replacement:** Design by a consultant was completed in FY26. In-house construction is proceeding this fall and should be completed sometime later in FY27. The FY27 budget has been accounted for by Operations staff in Fund 3410 (Facilities Rehabilitation).

**Sand Filter Influent Valves Replacement:** Depending on Operations staff availability and the schedules for other ongoing projects, in-house construction is planned to be undertaken sometime later in FY27. The FY27 budget has been accounted for by Operations staff in Fund 3410 (Facilities Rehabilitation).

## **FINANCIAL IMPACT**

Total FY27 expenditures from Fund 3412 (Capital Outlay) were budgeted at \$792,000. There are at present sufficient funds in Fund 3412 to cover these expenditures. Further information regarding revenue sources for CIP funding may be found in the Introduction section of the attached revised CIP FY26 Update.

## **RECOMMENDATION**

1. Adopt a motion approving the revised CIP FY26 Update.
2. Receive a report from staff on the FY27 CIP work plan.

Attachments: Capital Improvement Program Fiscal Year 2025-26 Update – Revised



## **MT. VIEW SANITARY DISTRICT**

# **CAPITAL IMPROVEMENT PROGRAM**

**FISCAL YEAR 2025-26 UPDATE - REVISED**

### **DISTRICT BOARD OF DIRECTORS**

Jared Ruddell, President  
Julia Halsne, Vice President  
Brian A. Danley, Member  
Gregory T. Pyka, Member  
Caitlin Wiley-Walker, Member

### **PREPARED BY:**

Chris Elliott, PE, District Engineer

**October 22, 2026**

# INTRODUCTION

## **CAPITAL IMPROVEMENT PROGRAM**

The District's Capital Improvement Program (CIP) encompasses all engineered studies and projects related to improvements, repairs, rehabilitation, and replacement of the District's plant, collection system, and marsh infrastructure and assets. The CIP Update is a planning tool that manifests proactive asset management; facilitates financial planning for sewer service charges and cash flow; promotes organizational balance regarding staff's ability to manage and support the workload; and informs the Board and the public about the District's infrastructure needs, upcoming projects, and proposed capital expenditures. The last CIP Update was approved by the Board on July 10, 2025.

## **CIP UPDATE PROCESS**

The District engaged in an almost year-long vetting process to help develop this CIP Update. The vetting process was a rigorous effort to carefully evaluate, uniformly score, and comprehensively document CIP decision-making regarding project prioritization by incorporating input from the Management Team, Operations Department staff (which includes both operations and maintenance staff), and the Board of Directors (Board) Planning Committee. The results of the vetting process are presented in Exhibit C.

A draft CIP Update is typically presented to the Board biennially for review and direction, and a final version is presented shortly thereafter for Board approval. The draft of this CIP Update was presented to the Board on May 8, 2025, and the final CIP Update was originally presented to and approved by the Board on July 10, 2025.

## **5-YEAR CIP**

The CIP Update incorporates a 5-year milestone that aligns well with the ongoing Consolidation Feasibility Study, the District's Strategic Plan update, and the next cycle of sewer service charges. The 5-year CIP projects, along with these three District activities, are shown on Exhibit A. The tables below summarize the 5-year CIP projects along with the estimated total project cost (the sum of all professional, contractual, and other ancillary costs) for each project.

| <b>Plant Projects</b>                           | <b>Estimated Total Project Cost</b> |
|-------------------------------------------------|-------------------------------------|
| Treatment Processes                             |                                     |
| Influent Valve Pit Knife Gate Valve Replacement | \$290,000                           |
| Sand Filter Influent Valves Replacement         | \$55,000                            |
| Biofilter & Biotower Rehabilitation             | \$4,739,000                         |

| <b>Collection System Projects</b>                                     | <b>Estimated Total Project Cost</b> |
|-----------------------------------------------------------------------|-------------------------------------|
| Pipelines & Manholes                                                  |                                     |
| Condition Assessment Program / Pipeline Cleaning & Televising Phase 3 | \$559,000                           |
| Trunk Manholes Rehabilitation                                         | \$594,000                           |
| 888 Howe Road Sanitary Sewer Replacement                              | \$1,512,000                         |
| Inflow & Infiltration Reduction Program                               | \$329,000                           |
| Pump Stations & Force Mains                                           |                                     |
| Pump Stations Rehabilitation & Improvements                           | \$4,394,000                         |
| Other / Miscellaneous                                                 |                                     |
| Iron Adjustments After Street Pavement Projects                       | \$189,000                           |

| <b>Strategic Initiatives</b>  | <b>Estimated Total Project Cost</b> |
|-------------------------------|-------------------------------------|
| Energy Infrastructure Program | \$10,000                            |

### **10-YEAR CIP**

At this time, little to nothing has been added to years six through ten except for a few project carryovers from the 5-year CIP. This is due to the future uncertainty associated with the Consolidation Feasibility Study, as well as a lack of clarity on the availability of financial and human resources during that timeframe.

## **METRICS ANALYSIS**

Depending on the size and complexity of the projects undertaken, the 5-year CIP aims to undertake 2 to 4 projects concurrently during any 6-month time period in order to maintain a healthy and achievable workload for District staff. One concern is the anticipated workload during Fiscal Year 2025-26, with at least 5 projects ongoing simultaneously throughout that fiscal year. The workload metric is more or less met throughout the remainder of the 5-year CIP. Much will depend on the outcome of the Consolidation Feasibility Study, as well as changes in project priority and the availability of financial and human resources.

Along with the workload metric are further metrics to maintain balance between the types of projects (e.g. plant, collection system, or marsh) and also the project phases (e.g. study, design, or construction) in progress during any 6-month time period. These metrics help ensure that the District maintains the right mix of projects with an even workflow throughout each fiscal year. Although there is some concern again for Fiscal Year 2025-26, generally speaking the project type and phase metrics are met for the 5-year CIP.

## **FINANCIAL IMPACT**

Total expenditures for the 5-year CIP are estimated to be \$11,840,000, which equates to an average annual expenditure rate of approximately \$2.37 million. This expenditure rate nearly aligns with the previous sewer service charge projections of \$2 million in capital expenditures per fiscal year, and it is important to remember that expenditures have historically underrun in previous fiscal years. A simple cash flow analysis is presented in the table below, and Exhibit B graphically depicts CIP expenditures by fiscal year.

| <b>Fiscal Year</b> | <b>Revenue /<br/>Expenditure Limit</b> | <b>Projected<br/>Expenditures</b> | <b>Annual<br/>Cash Flow</b> |
|--------------------|----------------------------------------|-----------------------------------|-----------------------------|
| 2025-26            | \$2,000,000                            | \$2,225,000                       | (\$225,000)                 |
| 2026-27            | \$2,000,000                            | \$738,000                         | \$1,262,000                 |
| 2027-28            | \$2,000,000                            | \$1,165,000                       | \$835,000                   |
| 2028-29            | \$2,000,000                            | \$4,988,000                       | (\$2,988,000)               |
| 2029-30            | \$2,000,000                            | \$2,724,000                       | (\$724,000)                 |
| <b>Totals</b>      | <b>\$10,000,000</b>                    | <b>\$11,840,000</b>               | <b>(\$1,840,000)</b>        |

Note that the estimated 5-year CIP expenditures are actual, meaning that they are inflated to the projected construction year based on a rolling average of

industry-accepted Engineering News-Record (ENR) construction cost indices. The revenue / expenditure limit, however, is not adjusted for inflation, but is constant. It is also important to note that in certain fiscal years, the cost for a single project or projects may cause the \$2 million expenditure limit to be exceeded.

Total expenditures for all other projects planned beyond the 5-year CIP are estimated to be \$71,902,000. This information must be closely examined and interpreted in light of the CIP projects vetting data provided in Exhibit C. In particular, the priority (based on a project's overall vetting score) and essentiality (based on a project's effect on the District's ability to provide services and / or comply with regulatory permits) should be carefully considered. Once a detailed analysis is performed, the data may suggest that a reasonable funding goal for these projects is less than \$72 million. Such an analysis, however, is not addressed in this CIP Update.

Note that estimated total costs for all other projects planned beyond the 5-year CIP are in 2025 dollars. Since these projects are unscheduled, project costs cannot be appropriately inflated to any particular fiscal year in the future. As that is the case, an economic analysis such as an equal or uniform-payment series might be performed to determine the approximate, total value of these projects, and to help establish CIP funding goals. Such an analysis, however, is not addressed in this CIP Update.

### **REVENUE SOURCES FOR CIP FUNDING**

CIP expenditures are primarily offset by revenue from sewer service charges and ad valorem property tax. In the past, portions of the CIP have also been funded by low interest loans. One-time capacity fees for new development connections also generate revenues which fund capital projects.

### **POTENTIAL REVENUE SOURCES FOR CIP FUNDING**

The District has prospected grants and pursued legislative earmarks to fund certain CIP projects. It has historically been difficult to align the scope of specific CIP projects with grant objectives. Furthermore, both grants and legislative earmarks are generally very competitive and challenging to obtain, requiring a certain investment of financial and human resources in order to be successful. Nevertheless, the District will remain vigilant for grant funding and legislative earmark opportunities in the future, and will continue to pursue them as they become available.

The District recently “annexed” to the Contra Costa County Local Hazard Mitigation Plan (LHMP) for the first time. Annexation may avail the District to funding opportunities for capital projects under the Federal Emergency Management Agency’s (FEMA) Building Resilient Infrastructure and Communities (BRIC) program. The BRIC program provides financial resources to support pre-disaster mitigation plans and projects. Since BRIC is a federal program, however, it may be subject to national political changes in the federal government, and funding prospects are therefore uncertain at present.

The District plans to explore an Energy Infrastructure Program (EIP) as a strategic initiative. The EIP may be seen towards the bottom of Exhibit A, and projects that are possibly associated with or potentially affected by an EIP are marked with “EIP” on Exhibit C. The EIP is further described on its project summary sheet.

### **SUPPLEMENTARY INFORMATION**

Immediately following this introduction is Exhibit A, which depicts the CIP Update. On this exhibit, projects are listed in the left-hand column, and are grouped by Plant, Collection System, Marsh, and Strategic Initiatives. In the columns to the right of the project name are the vetting scores and estimated total project costs. Across the top rows is the timeline, represented as plan year, calendar year, and fiscal year. In the field area is the schedule, broken out in 6-month increments by project phase (see legend at upper left). The estimated project cost for each fiscal year is shown just below the phases. These annual project cost totals roll down to fiscal year subtotals for each type of project, which then roll down to fiscal year grand totals at the bottom of the exhibit.

Following Exhibit C are project summary sheets for the 5-year CIP projects, arranged in the same order as the projects appear on Exhibit A. The summary sheets provide further detail about each project including its scope description, justification for being in the CIP, estimated total project cost, and anticipated schedule.

# EXHIBIT A - CIP UPDATE

| 1.0330 = INFLATION FACTOR (BASED ON ENR COST INDICES) |                                                              |                |  | CIP PLAN YEAR           |    | 1                |            | 2             |        | 3      |           | 4      |            | 5      |              | 6    |              | 7    |  | 8    |  | 9    |  | 10   |  |      |  |      |  |      |  |
|-------------------------------------------------------|--------------------------------------------------------------|----------------|--|-------------------------|----|------------------|------------|---------------|--------|--------|-----------|--------|------------|--------|--------------|------|--------------|------|--|------|--|------|--|------|--|------|--|------|--|------|--|
| S = STUDY                                             |                                                              | P = PRE-DESIGN |  | D = DESIGN / BID PERIOD |    | C = CONSTRUCTION |            | CALENDAR YEAR |        | 2025   |           | 2026   |            | 2027   |              | 2028 |              | 2029 |  | 2030 |  | 2031 |  | 2032 |  | 2033 |  | 2034 |  | 2035 |  |
| ^ = COMBINED PROJECT (SEE IMMEDIATELY ABOVE)          |                                                              |                |  | SCORE / PRIORITY        |    | FISCAL YEAR      |            | FY26          |        | FY27   |           | FY28   |            | FY29   |              | FY30 |              | FY31 |  | FY32 |  | FY33 |  | FY34 |  | FY35 |  |      |  |      |  |
| DISTRICT ACTIVITIES                                   |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | CONSOLIDATION FEASIBILITY STUDY                              |                |  |                         |    | CFS              | CFS        | CFS           | CFS    |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | STRATEGIC PLAN                                               |                |  |                         |    | YEAR 1           |            | YEAR 2        |        | YEAR 3 |           | YEAR 4 |            | YEAR 5 |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | SEWER SERVICE CHARGES                                        |                |  |                         |    |                  | STUDY      | PROP218       | YEAR 1 |        | YEAR 2    |        | YEAR 3     |        | YEAR 4       |      | YEAR 5       |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
| PLANT                                                 |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
| TREATMENT PROCESSES                                   |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
| Plant                                                 | PLANT IMPROVEMENTS                                           |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | NON-PLANT IMPROVEMENTS, ENGINEERING SUPPORT REQUIRED         |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | 3W PUMP STATION OPERATIONAL MODIFICATIONS                    |                |  | 50                      | \$ | 30,000.00        |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | NON-ELECTRICALLY CONSTRICTED                                 |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | PERMANENT MAGNESIUM HYDROXIDE TANK                           |                |  | 55                      | \$ | 15,000.00        |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | OPERATIONS BUILDING LOCKER ROOM & RESTROOM RENOVATION        |                |  | 44                      | \$ | 218,000.00       |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | DEWATERING BUILDING IMPROVEMENTS                             |                |  | 59                      | \$ | 196,000.00       |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | ARTHUR ROAD POTABLE WATER PUMP STATION IMPROVEMENTS (ALT. 5) |                |  | 46                      | \$ | 472,000.00       |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | PAVEMENT IMPROVEMENTS                                        |                |  | 38                      | \$ | 499,000.00       |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | SECURITY FENCING & GATE IMPROVEMENTS                         |                |  | 40                      | \$ | 316,000.00       |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | STORM DRAIN IMPROVEMENTS                                     |                |  | 43                      | \$ | 97,000.00        |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | HEADWORKS AUTOMATIC SCREENING REBUILD                        |                |  | 56                      | \$ | 672,000.00       |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | INFLUENT VALVE PIT KNIFE GATE VALVE REPLACEMENT              |                |  | 81                      | \$ | 290,000.00       |            | D             | C      |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | SAND FILTER INFLUENT VALVES REPLACEMENT                      |                |  | 58                      | \$ | 55,000.00        | C          |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | SAND FILTER COMPRESSED AIR SYSTEM IMPROVEMENTS               |                |  | 59                      | \$ | 614,000.00       |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | DIGESTERS REHABILITATION & STRUCTURAL IMPROVEMENTS           |                |  | 61                      | \$ | 1,095,000.00     |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | FIRE SUPPRESSION SYSTEM MODIFICATIONS                        |                |  | 53                      | \$ | 48,000.00        |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | SLUDGE DEGRITTER REPLACEMENT                                 |                |  | 47                      | \$ | 1,556,000.00     |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | EQ BASIN EFFLUENT BOX IMPROVEMENTS                           |                |  | 42                      | \$ | 175,000.00       |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | ELECTRICALLY CONSTRICTED                                     |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | DIGESTERS HEAT / MIX ROOM IMPROVEMENTS                       |                |  | 77                      | \$ | 1,487,000.00     |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | CENTRIFUGE & POLYMER SYSTEM REPLACEMENT                      |                |  | 57                      | \$ | 1,805,000.00     |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | SAND FILTER SUBMERSIBLE MIXER                                |                |  | 29                      | \$ | 197,000.00       |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       | INFLUENT FLOW METERING                                       |                |  | 42                      | \$ | 1,185,000.00     |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    | \$               | 345,000.00 |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
| Plant                                                 | BIOFILTER & BIOTOWER REHABILITATION                          |                |  | 77                      |    |                  |            | P             | D      | D      | C         | C      | C          | C      |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         | \$ | 4,739,000.00     |            |               |        | \$     | 60,000.00 | \$     | 232,000.00 | \$     | 3,219,000.00 | \$   | 1,228,000.00 |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
| Plant                                                 | SLUDGE THICKENER REPLACEMENT                                 |                |  | 71                      |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         | \$ | 1,913,000.00     |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
| Plant                                                 | HEADWORKS IMPROVEMENTS & AUTOMATIC SCREENING REPLACEMENT     |                |  | 69                      |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         | \$ | 1,673,000.00     |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |
|                                                       |                                                              |                |  |                         |    |                  |            |               |        |        |           |        |            |        |              |      |              |      |  |      |  |      |  |      |  |      |  |      |  |      |  |

# EXHIBIT A - CIP UPDATE

| 1.0330 = INFLATION FACTOR (BASED ON ENR COST INDICES) |                                                                               |                |  |                         | CIP PLAN YEAR    |                  | 1           |               | 2    |            | 3          |           | 4          |            | 5         |              | 6    |              | 7    |      | 8          |      | 9    |      | 10   |      |      |      |    |      |  |
|-------------------------------------------------------|-------------------------------------------------------------------------------|----------------|--|-------------------------|------------------|------------------|-------------|---------------|------|------------|------------|-----------|------------|------------|-----------|--------------|------|--------------|------|------|------------|------|------|------|------|------|------|------|----|------|--|
| S = STUDY                                             |                                                                               | P = PRE-DESIGN |  | D = DESIGN / BID PERIOD |                  | C = CONSTRUCTION |             | CALENDAR YEAR |      | 2025       |            | 2026      |            | 2027       |           | 2028         |      | 2029         |      | 2030 |            | 2031 |      | 2032 |      | 2033 |      | 2034 |    | 2035 |  |
| ^ = COMBINED PROJECT (SEE IMMEDIATELY ABOVE)          |                                                                               |                |  |                         | SCORE / PRIORITY |                  | FISCAL YEAR |               | FY26 |            | FY27       |           | FY28       |            | FY29      |              | FY30 |              | FY31 |      | FY32       |      | FY33 |      | FY34 |      | FY35 |      |    |      |  |
| ELECTRICAL & SCADA SYSTEMS                            |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| Plant                                                 | ELECTRICAL SYSTEM INFRASTRUCTURE IMPROVEMENTS                                 |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       | PG&E SERVICE UPGRADE, SWITCHGEAR P5, STANDBY GENERATOR, & MCC P1 REPLACEMENTS |                |  |                         |                  | 79               | \$          | 10,442,000.00 |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       | DIGESTERS MCC P2 REPLACEMENT                                                  |                |  |                         |                  | 83               | \$          | 2,112,000.00  |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       | DEWATERING BUILDING NEW MCC P8                                                |                |  |                         |                  | 67               | \$          | 2,659,000.00  |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| Plant                                                 | SCADA SYSTEM INFRASTRUCTURE IMPROVEMENTS                                      |                |  |                         |                  | 53               |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  | \$          | 1,792,000.00  |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| FACILITIES                                            |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| Plant                                                 | NEW OPERATIONS & MAINTENANCE BUILDING                                         |                |  |                         |                  | 44               |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  | \$          | 15,320,000.00 |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| Plant                                                 | PAVEMENT MANAGEMENT PROGRAM                                                   |                |  |                         |                  | N/A              |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  | \$          | 8,000.00      |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| PLANT SUBTOTALS                                       |                                                                               |                |  |                         |                  |                  |             |               | \$   | 345,000.00 | \$         | 60,000.00 | \$         | 232,000.00 | \$        | 3,219,000.00 | \$   | 1,228,000.00 | \$   | -    | \$         | -    | \$   | -    | \$   | -    | \$   | -    | \$ | -    |  |
| COLLECTION SYSTEM                                     |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| PIPELINES & MANHOLES                                  |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| Coll. Sys.                                            | CONDITION ASSESSMENT PROGRAM                                                  |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       | PIPELINE CLEANING & TELEVISING PHASE 3 (CYCLE 1)                              |                |  |                         |                  | High             | \$          | 559,000.00    | C    |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       | PIPELINE CLEANING & TELEVISING PHASE 1 (CYCLE 2)                              |                |  |                         |                  | N/A              | \$          | 842,000.00    |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       | PIPELINE CLEANING & TELEVISING PHASE 2 (CYCLE 2)                              |                |  |                         |                  | N/A              | \$          | 842,000.00    |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      | \$         | 290,000.00 |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| Coll. Sys.                                            | TRUNK MANHOLES REHABILITATION                                                 |                |  |                         |                  | High             |             |               | D    | C          |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  | \$          | 594,000.00    | \$   | 581,000.00 |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| Coll. Sys.                                            | 888 HOWE ROAD SANITARY SEWER REPLACEMENT                                      |                |  |                         |                  | High             |             |               | D    | C          |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  | \$          | 1,512,000.00  | \$   | 963,000.00 |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| Coll. Sys.                                            | CONDITION IMPROVEMENTS PROGRAM                                                |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       | CONDITION IMPROVEMENTS PHASE 1                                                |                |  |                         |                  | 80               | \$          | 1,962,000.00  |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       | CONDITION IMPROVEMENTS PHASE 2                                                |                |  |                         |                  | 80               | \$          | 1,807,000.00  |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       | CONDITION IMPROVEMENTS PHASE 3                                                |                |  |                         |                  | 80               | \$          | 2,548,000.00  |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       | CONDITION IMPROVEMENTS PHASE 4                                                |                |  |                         |                  | 80               | \$          | 1,807,000.00  |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| Coll. Sys.                                            | INFLOW & INFILTRATION REDUCTION PROGRAM / WET WEATHER FLOW MANAGEMENT STUDY   |                |  |                         |                  | 77               |             |               | S    | S          | S          |           |            |            |           |              |      |              | S    |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  | \$          | 446,000.00    |      |            |            | \$        | 258,000.00 | \$         | 71,000.00 |              |      |              |      | \$   | 117,000.00 |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| Coll. Sys.                                            | CAPACITY IMPROVEMENTS PROGRAM                                                 |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       | INFLOW & INFILTRATION REDUCTION IMPROVEMENTS                                  |                |  |                         |                  | 79               | \$          | 1,737,000.00  |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       | CAPACITY IMPROVEMENTS PHASE A                                                 |                |  |                         |                  | 79               | \$          | 1,040,000.00  |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       | CAPACITY IMPROVEMENTS PHASE B                                                 |                |  |                         |                  | 79               | \$          | 586,000.00    |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
| Coll. Sys.                                            | CAPACITY ASSESSMENT                                                           |                |  |                         |                  | N/A              |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  | \$          | 238,000.00    |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |
|                                                       |                                                                               |                |  |                         |                  |                  |             |               |      |            |            |           |            |            |           |              |      |              |      |      |            |      |      |      |      |      |      |      |    |      |  |

# EXHIBIT A - CIP UPDATE

| 1.0330 = INFLATION FACTOR (BASED ON ENR COST INDICES) |                                                 |                         |                  | CIP PLAN YEAR    | 1            |              | 2         |            | 3         |              | 4          |              | 5          |              | 6            |            | 7            |           | 8         |           | 9         |           | 10        |           |           |
|-------------------------------------------------------|-------------------------------------------------|-------------------------|------------------|------------------|--------------|--------------|-----------|------------|-----------|--------------|------------|--------------|------------|--------------|--------------|------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S = STUDY                                             | P = PRE-DESIGN                                  | D = DESIGN / BID PERIOD | C = CONSTRUCTION | CALENDAR YEAR    | 2025         | 2026         |           | 2027       |           | 2028         |            | 2029         |            | 2030         |              | 2031       |              | 2032      |           | 2033      |           | 2034      |           | 2035      |           |
| ^ = COMBINED PROJECT (SEE IMMEDIATELY ABOVE)          |                                                 |                         |                  | SCORE / PRIORITY | FISCAL YEAR  | FY26         |           | FY27       |           | FY28         |            | FY29         |            | FY30         |              | FY31       |              | FY32      |           | FY33      |           | FY34      |           | FY35      |           |
| PUMP STATIONS & FORCE MAINS                           |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| Coll. Sys.                                            | PUMP STATIONS REHABILITATION & IMPROVEMENTS     |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 | PHASE 1                 | 82               | \$               | 885,000.00   |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 | PHASE 2                 | 66               | \$               | 1,912,000.00 |              |           | D          | D         |              |            | C            | C          |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 | PHASE 3                 | 59               | \$               | 1,597,000.00 |              |           |            |           |              |            |              |            | C            | C            |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           | \$           | 385,000.00 | \$           | 824,000.00 | \$           | 1,730,000.00 | \$         | 1,455,000.00 |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| Coll. Sys.                                            | PUMP STATION NO. 4 RECONSTRUCTION               |                         |                  | 78               |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  | \$               | 8,058,000.00 |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| Coll. Sys.                                            | PUMP STATIONS CONDITION ASSESSMENT              |                         |                  | N/A              |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  | \$               | 253,000.00   |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| OTHER / MISCELLANEOUS                                 |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| Coll. Sys.                                            | SSMP                                            |                         |                  | N/A              |              |              |           | Update     |           |              |            |              |            |              |              |            | Audit        |           |           | Update    |           |           | Audit     |           |           |
|                                                       |                                                 |                         |                  | N/A              |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| Coll. Sys.                                            | IRON ADJUSTMENTS AFTER STREET PAVEMENT PROJECTS |                         |                  | N/A              |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  | \$               | 412,000.00   | \$           | 36,000.00 | \$         | 35,000.00 | \$           | 38,000.00  | \$           | 39,000.00  | \$           | 41,000.00    | \$         | 42,000.00    | \$        | 43,000.00 | \$        | 45,000.00 | \$        | 46,000.00 | \$        | 47,000.00 |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| COLLECTION SYSTEM SUBTOTALS                           |                                                 |                         |                  |                  | \$           | 1,870,000.00 | \$        | 678,000.00 | \$        | 933,000.00   | \$         | 1,769,000.00 | \$         | 1,496,000.00 | \$           | 159,000.00 | \$           | 43,000.00 | \$        | 45,000.00 | \$        | 46,000.00 | \$        | 47,000.00 |           |
| MARSH                                                 |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| Marsh                                                 | MCNABNEY MARSH TRUNK LINE ACCESSIBILITY         |                         |                  | 52               |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  | \$               | 1,398,000.00 |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| Marsh                                                 | MOORHEN MARSH COMPLEX MAINTENANCE               |                         |                  | 47               |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  | \$               | 1,398,000.00 |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| MARSH SUBTOTALS                                       |                                                 |                         |                  |                  | \$           | -            | \$        | -          | \$        | -            | \$         | -            | \$         | -            | \$           | -          | \$           | -         | \$        | -         | \$        | -         | \$        | -         |           |
| STRATEGIC INITIATIVES                                 |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| Strat. Initv.                                         | ENERGY INFRASTRUCTURE PROGRAM                   |                         |                  | 82               |              | \$           | 10,000.00 | \$         | 10,000.00 |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  | \$               | 10,000.00    | \$           | 10,000.00 |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| Strat. Initv.                                         | SEISMIC EVALUATION & GROUND FAILURE STUDY       |                         |                  | 77               |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  | \$               | 250,000.00   |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| Strat. Initv.                                         | CLIMATE RESILIENCY STUDY                        |                         |                  | 58               |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  | \$               | 100,000.00   |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| Strat. Initv.                                         | EMERGENCY & CYBERSECURITY RESILIENCY STUDY      |                         |                  | 70               |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  | \$               | 100,000.00   |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
|                                                       |                                                 |                         |                  |                  |              |              |           |            |           |              |            |              |            |              |              |            |              |           |           |           |           |           |           |           |           |
| STRATEGIC INITIATIVES SUBTOTALS                       |                                                 |                         |                  |                  | \$           | 10,000.00    | \$        | -          | \$        | -            | \$         | -            | \$         | -            | \$           | -          | \$           | -         | \$        | -         | \$        | -         | \$        | -         |           |
| GRAND TOTALS                                          |                                                 |                         |                  |                  | \$           | 2,225,000.00 | \$        | 738,000.00 | \$        | 1,165,000.00 | \$         | 4,988,000.00 | \$         | 2,724,000.00 | \$           | 159,000.00 | \$           | 43,000.00 | \$        | 45,000.00 | \$        | 46,000.00 | \$        | 47,000.00 |           |

EXHIBIT B - CIP EXPENDITURE CHART

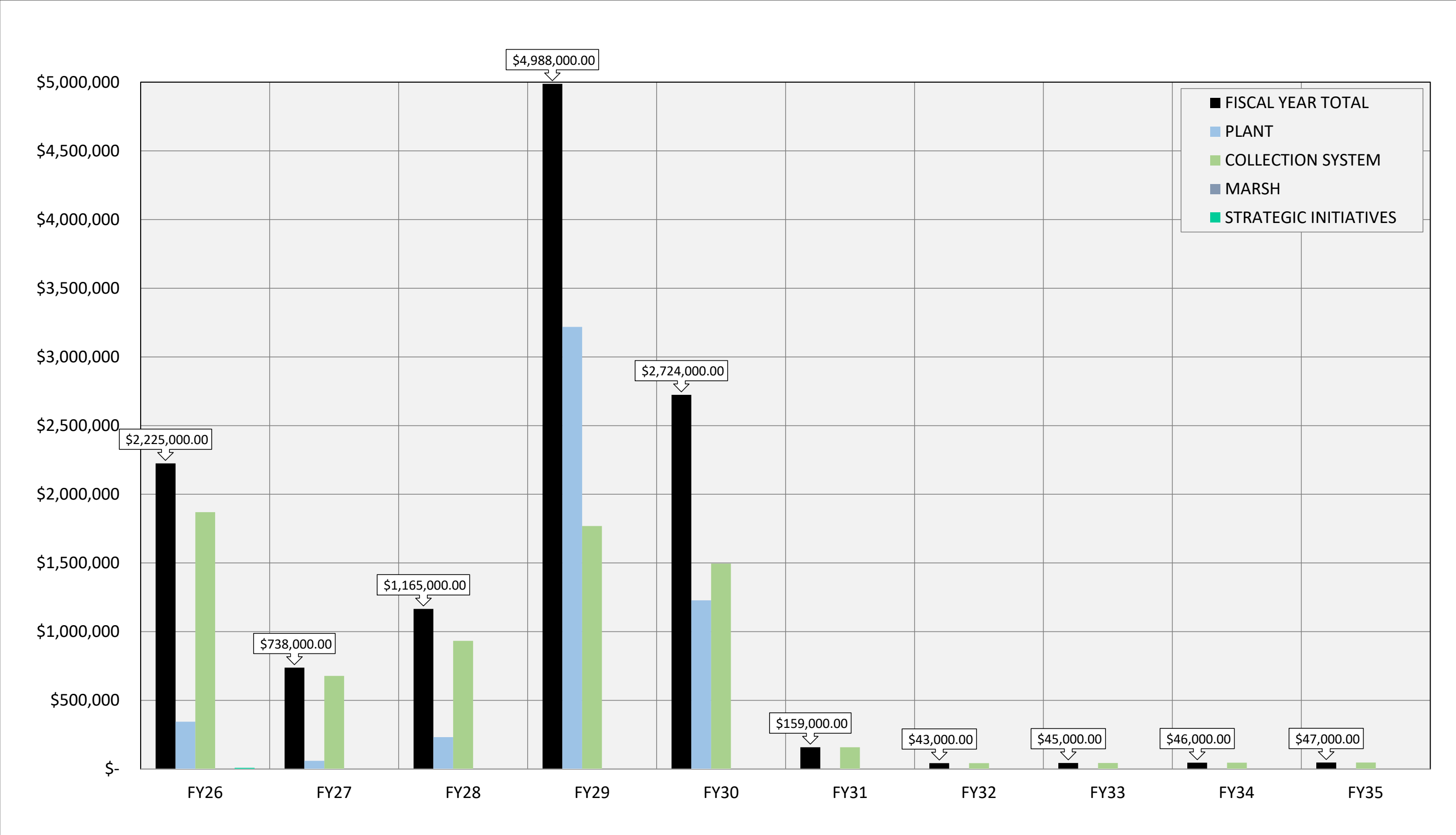


EXHIBIT C - CIP PROJECTS VETTING SUMMARY

| PROJECT NAME                                                                                           | AREA                             | CURRENT STATUS                      | AGGREGATE SCORE |                                        | MANAGEMENT SCORE |    |       | OPERATIONS SCORE - VERBAL |    |       | MGMT / OPS DIFF. | OPERATIONS SCORE - VOTED |    |       | VERBAL / VOTED DIFF. | MANAGEMENT          |                    |                      |                     | OPERATIONS          |                    |                     |
|--------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------|-----------------|----------------------------------------|------------------|----|-------|---------------------------|----|-------|------------------|--------------------------|----|-------|----------------------|---------------------|--------------------|----------------------|---------------------|---------------------|--------------------|---------------------|
|                                                                                                        |                                  |                                     |                 |                                        | A                | B  | COMB. | A                         | B  | COMB. |                  | A                        | B  | COMB. |                      | ESSENTIAL, SERVICES | ESSENTIAL, PERMITS | IMPROVE TSS IN PLANT | CAN WAIT UNTIL 2027 | ESSENTIAL, SERVICES | ESSENTIAL, PERMITS | CAN WAIT UNTIL 2027 |
| DIGESTERS MCC P2 REPLACEMENT - CONSTRUCTED <div>EIP</div>                                              | PLANT                            | ELECTRICALLY CONSTRICTED            | 83              | \$ 2,112,000.00                        | 85               | 80 | 83    | 80                        | 85 | 83    | 0                | 72                       | 74 | 73    | -10                  | Yes                 | Yes                | No                   | Yes                 | Psbly/Some          | Yes                | Psbly/Some          |
| PUMP STATION NOS. 1, 2, & 3 REHABILITATION & IMPROVEMENTS PHASE 1                                      | COLLECTION SYSTEM & PUMP STATION | SCHEDULED - FY27                    | 82              | \$ 951,000.00                          | 100              | 75 | 88    | 90                        | 60 | 75    | -13              | 83                       | 64 | 73    | -2                   | Yes                 | Yes                | N/A                  | No                  | Yes                 | Yes                | Psbly/Some          |
| ENERGY INFRASTRUCTURE PROGRAM <div>EIP</div>                                                           | STRATEGIC INITIATIVE             | SCHEDULED - FY26 (PUNING DEPENDENT) | 82              | \$ 10,000.00                           | 95               | 95 | 95    | 45                        | 90 | 68    | -27              | 46                       | 84 | 65    | -3                   | Yes                 | Yes                | Psbly/Some           | Yes                 | No                  | No                 | Yes                 |
| Y-PIT KNIFE GATE VALVE REPLACEMENT (PLANT IMPROVEMENTS)                                                | PLANT                            | SCHEDULED - FY26                    | 81              | \$ 290,000.00                          | 115              | 60 | 88    | 90                        | 55 | 73    | -15              | 88                       | 50 | 69    | -4                   | Yes                 | Yes                | Yes                  | No                  | Psbly/Some          | Yes                | No                  |
| CONDITION IMPROVEMENTS PROGRAM                                                                         | COLLECTION SYSTEM & PUMP STATION | UNDER CONSIDERATION                 | 80              | \$ 8,124,000.00                        | 85               | 75 | 80    | 90                        | 70 | 80    | 0                | 87                       | 64 | 76    | -4                   | Yes                 | Yes                | N/A                  | Yes                 | Yes                 | Yes                | Psbly/Some          |
| CAPACITY IMPROVEMENTS PROGRAM                                                                          | COLLECTION SYSTEM & PUMP STATION | UNDER CONSIDERATION                 | 79              | \$ 3,363,000.00                        | 85               | 75 | 80    | 85                        | 70 | 78    | -2               | 85                       | 74 | 79    | 1                    | Yes                 | Yes                | N/A                  | Yes                 | Yes                 | Yes                | Yes                 |
| PG&E SERVICE UPGRADE, SWITCHGEAR P5, STANDBY GENERATOR, & MCC P1 REPLACEMENT <div>EIP</div>            | PLANT                            | UNDER CONSIDERATION                 | 79              | \$ 10,442,000.00                       | 75               | 85 | 80    | 80                        | 75 | 78    | -2               | 76                       | 73 | 74    | -4                   | Yes                 | No                 | No                   | Psbly/Some          | Yes                 | Psbly/Some         | Psbly/Some          |
| PUMP STATION NO. 4 RECONSTRUCTION                                                                      | COLLECTION SYSTEM & PUMP STATION | UNDER CONSIDERATION                 | 78              | \$ 8,058,000.00                        | 90               | 90 | 90    | 65                        | 65 | 65    | -25              | 65                       | 65 | 65    | 0                    | Yes                 | Yes                | N/A                  | Psbly/Some          | Psbly/Some          | Psbly/Some         | Yes                 |
| BIOFILTER & BIOTOWER REHABILITATION                                                                    | PLANT                            | SCHEDULED - FY28                    | 77              | \$ 4,739,000.00                        | 105              | 60 | 83    | 100                       | 40 | 70    | -13              | 94                       | 42 | 68    | -2                   | Yes                 | Yes                | Yes                  | Yes                 | Yes                 | Yes                | No                  |
| DIGESTERS HEAT / MIX ROOM IMPROVEMENTS (PLANT IMPROVEMENTS) - CONSTRUCTED <div>EIP</div>               | PLANT                            | ELECTRICALLY CONSTRICTED            | 77              | \$ 1,487,000.00                        | 90               | 95 | 93    | 70                        | 50 | 60    | -33              | 74                       | 51 | 62    | 2                    | Yes                 | Yes                | No                   | Psbly/Some          | Psbly/Some          | Psbly/Some         | Psbly/Some          |
| SEISMIC EVALUATION & GROUND FAILURE STUDY                                                              | STRATEGIC INITIATIVE             | UNDER CONSIDERATION                 | 77              | \$ 250,000.00                          | 90               | 75 | 83    | 80                        | 60 | 70    | -13              | 76                       | 54 | 65    | -5                   | Yes                 | Yes                | No                   | Psbly/Some          | Yes                 | Psbly/Some         | Psbly/Some          |
| INFLOW & INFILTRATION REDUCTION PROGRAM / WET WEATHER FLOW MANAGEMENT STUDY                            | COLLECTION SYSTEM & PUMP STATION | SCHEDULED - FY27                    | 77              | \$ 446,000.00                          | 75               | 70 | 73    | 80                        | 80 | 80    | 7                | 81                       | 67 | 74    | -6                   | Yes                 | Yes                | N/A                  | Yes                 | Yes                 | Yes                | Psbly/Some          |
| SLUDGE THICKENER REPLACEMENT - CONSTRUCTED?                                                            | PLANT                            | LONG TERM (NEEDS ADDL. ENGR. STUDY) | 71              | \$ 1,913,000.00                        | 85               | 70 | 78    | 75                        | 50 | 63    | -15              | 76                       | 42 | 59    | -4                   | Yes                 | Yes                | No                   | Yes                 | Yes                 | Psbly/Some         | Yes                 |
| EMERGENCY & CYBERSECURITY RESILIENCY STUDY                                                             | STRATEGIC INITIATIVE             | UNDER CONSIDERATION                 | 70              | \$ 100,000.00                          | 100              | 60 | 80    | 65                        | 55 | 60    | -20              | 63                       | 48 | 55    | -5                   | Yes                 | Yes                | No                   | No                  | Psbly/Some          | No                 | Psbly/Some          |
| HEADWORKS IMPROVEMENTS & AUTOMATIC SCREENING REPLACEMENT - CONSTRUCTED?                                | PLANT                            | LONG TERM (NEEDS ADDL. ENGR. STUDY) | 69              | \$ 1,673,000.00                        | 75               | 65 | 70    | 65                        | 70 | 68    | -2               | 70                       | 61 | 66    | -2                   | Psbly/Some          | Psbly/Some         | Psbly/Some           | Yes                 | Psbly/Some          | No                 | Psbly/Some          |
| DEWATERING BUILDING NEW MCC P8 - CONSTRUCTED <div>EIP</div>                                            | PLANT                            | ELECTRICALLY CONSTRICTED            | 67              | \$ 2,659,000.00                        | 85               | 70 | 78    | 60                        | 50 | 55    | -23              | 61                       | 48 | 54    | -1                   | Yes                 | Yes                | No                   | Yes                 | No                  | No                 | Psbly/Some          |
| PUMP STATION NOS. 1, 2, & 3 REHABILITATION & IMPROVEMENTS PHASE 2                                      | COLLECTION SYSTEM & PUMP STATION | UNDER CONSIDERATION                 | 66              | \$ 1,873,000.00                        | 85               | 70 | 78    | 60                        | 45 | 53    | -25              | 60                       | 43 | 51    | -2                   | Yes                 | Yes                | N/A                  | Yes                 | Psbly/Some          | No                 | Yes                 |
| DIGESTERS REHABILITATION & STRUCTURAL IMPROVEMENTS (PLANT IMPROVEMENTS)                                | PLANT                            | UNDER CONSIDERATION                 | 61              | \$ 1,095,000.00                        | 55               | 50 | 53    | 80                        | 55 | 68    | 15               | 81                       | 52 | 67    | -1                   | No                  | No                 | No                   | Yes                 | Yes                 | Psbly/Some         | Psbly/Some          |
| PUMP STATION NOS. 1, 2, & 3 REHABILITATION & IMPROVEMENTS PHASE 3                                      | COLLECTION SYSTEM & PUMP STATION | UNDER CONSIDERATION                 | 59              | \$ 1,538,000.00                        | 60               | 80 | 70    | 50                        | 45 | 48    | -22              | 48                       | 48 | 48    | 0                    | Psbly/Some          | No                 | N/A                  | Yes                 | Psbly/Some          | No                 | Yes                 |
| DEWATERING BUILDING IMPROVEMENTS (PLANT IMPROVEMENTS)                                                  | PLANT                            | UNDER CONSIDERATION                 | 59              | \$ 196,000.00                          | 70               | 75 | 73    | 50                        | 40 | 45    | -28              | 49                       | 36 | 43    | -2                   | No                  | Yes                | No                   | Yes                 | No                  | Psbly/Some         | Yes                 |
| SAND FILTER COMPRESSED AIR SYSTEM IMPROVEMENTS (PLANT IMPROVEMENTS)                                    | PLANT                            | UNDER CONSIDERATION                 | 59              | \$ 614,000.00                          | 85               | 35 | 60    | 45                        | 70 | 58    | -2               | 61                       | 66 | 63    | 5                    | Yes                 | Yes                | No                   | Yes                 | No                  | No                 | Yes                 |
| CLIMATE RESILIENCY STUDY                                                                               | STRATEGIC INITIATIVE             | UNDER CONSIDERATION                 | 58              | \$ 100,000.00                          | 65               | 90 | 78    | 60                        | 15 | 38    | -40              | 60                       | 23 | 41    | 3                    | Psbly/Some          | Psbly/Some         | No                   | Yes                 | Yes                 | No                 | Yes                 |
| SAND FILTER INFLUENT VALVES REPLACEMENT (PLANT IMPROVEMENTS)                                           | PLANT                            | SCHEDULED - FY26                    | 58              | \$ 55,000.00                           | 60               | 55 | 58    | 60                        | 55 | 58    | 0                | 73                       | 51 | 62    | 4                    | No                  | No                 | Psbly/Some           | Psbly/Some          | No                  | No                 | No                  |
| CENTRIFUGE & POLYMER SYSTEM REPLACEMENT (PLANT IMPROVEMENTS) - CONSTRUCTED <div>EIP</div>              | PLANT                            | ELECTRICALLY CONSTRICTED            | 57              | \$ 1,805,000.00                        | 45               | 35 | 40    | 90                        | 55 | 73    | 33               | 83                       | 50 | 66    | -7                   | No                  | No                 | No                   | Yes                 | Psbly/Some          | Yes                | No                  |
| HEADWORKS AUTOMATIC SCREENING REBUILD (PLANT IMPROVEMENTS)                                             | PLANT                            | UNDER CONSIDERATION                 | 56              | \$ 672,000.00                          | 80               | 55 | 68    | 55                        | 30 | 43    | -25              | 56                       | 31 | 44    | 1                    | Yes                 | Psbly/Some         | No                   | No                  | Psbly/Some          | No                 | Psbly/Some          |
| PERMANENT MAGNESIUM HYDROXIDE TANK                                                                     | PLANT                            | POSTPONED                           | 55              | \$ 15,000.00                           | 95               | 55 | 75    | 55                        | 15 | 35    | -40              | 59                       | 31 | 45    | 10                   | No                  | Yes                | Yes                  | No                  | No                  | Psbly/Some         | Psbly/Some          |
| ARTHUR ROAD POTABLE WATER PUMP STATION IMPROVEMENTS, ALTERNATIVE 3 (PLANT IMPROVEMENTS) <div>EIP</div> | PLANT                            | ELECTRICALLY CONSTRICTED            | 54              | Not in current CIP, see Project No. 34 | 70               | 50 | 60    | 45                        | 50 | 48    | -12              | 47                       | 47 | 47    | -1                   | Yes                 | No                 | No                   | Yes                 | No                  | No                 | Yes                 |
| SCADA SYSTEM INFRASTRUCTURE IMPROVEMENTS                                                               | PLANT                            | UNDER CONSIDERATION                 | 53              | \$ 1,792,000.00                        | 40               | 60 | 50    | 65                        | 45 | 55    | 5                | 62                       | 39 | 51    | -4                   | No                  | No                 | No                   | Yes                 | No                  | Psbly/Some         | Psbly/Some          |
| FIRE SUPPRESSION SYSTEM MODIFICATIONS (PLANT IMPROVEMENTS)                                             | PLANT                            | UNDER CONSIDERATION                 | 53              | \$ 48,000.00                           | 70               | 50 | 60    | 60                        | 30 | 45    | -15              | 62                       | 27 | 44    | -1                   | No                  | Yes                | No                   | Yes                 | No                  | Yes                | Psbly/Some          |
| MCNABNEY MARSH TRUNK LINE ACCESSIBILITY                                                                | MARSH                            | UNDER CONSIDERATION                 | 52              | \$ 1,398,000.00                        | 65               | 25 | 45    | 85                        | 30 | 58    | 13               | 79                       | 33 | 56    | -2                   | Unsure/NK           | Unsure/NK          | N/A                  | Yes                 | Psbly/Some          | Yes                | Unsure/NK           |
| 3W PUMP STATION OPERATIONAL MODIFICATIONS                                                              | PLANT                            | UNDER CONSIDERATION                 | 50              | \$ 30,000.00                           | 60               | 30 | 45    | 75                        | 35 | 55    | 10               | 78                       | 40 | 59    | 4                    | No                  | No                 | No                   | Psbly/Some          | Psbly/Some          | No                 | No                  |
| SLUDGE DEGRITTER REPLACEMENT (PLANT IMPROVEMENTS)                                                      | PLANT                            | UNDER CONSIDERATION                 | 47              | \$ 1,556,000.00                        | 65               | 35 | 50    | 45                        | 40 | 43    | -7               | 48                       | 36 | 42    | -1                   | No                  | No                 | Psbly/Some           | Yes                 | No                  | No                 | Yes                 |
| MOORHEN MARSH COMPLEX MAINTENANCE                                                                      | MARSH                            | UNDER CONSIDERATION                 | 47              | \$ 1,398,000.00                        | 35               | 20 | 28    | 70                        | 60 | 65    | 37               | 71                       | 57 | 64    | -1                   | No                  | No                 | N/A                  | Yes                 | Psbly/Some          | Psbly/Some         | Psbly/Some          |
| ARTHUR ROAD POTABLE WATER PUMP STATION IMPROVEMENTS, ALTERNATIVE 5 (PLANT IMPROVEMENTS)                | PLANT                            | UNDER CONSIDERATION                 | 46              | \$ 472,000.00                          | 75               | 30 | 53    | 40                        | 35 | 38    | -15              | 39                       | 36 | 38    | 0                    | Yes                 | No                 | No                   | No                  | No                  | No                 | Yes                 |
| OPERATIONS BUILDING LOCKER ROOM & RESTROOM RENOVATION (PLANT IMPROVEMENTS)                             | PLANT                            | UNDER CONSIDERATION                 | 44              | \$ 218,000.00                          | 60               | 35 | 48    | 55                        | 25 | 40    | -8               | 49                       | 22 | 35    | -5                   | No                  | No                 | No                   | Psbly/Some          | No                  | No                 | Yes                 |
| NEW OPERATIONS & MAINTENANCE BUILDING - CONSTRUCTED? <div>EIP</div>                                    | PLANT                            | LONG TERM (NEEDS ADDL. ENGR. STUDY) | 44              | \$ 15,320,000.00                       | 40               | 40 | 40    | 45                        | 50 | 48    | 8                | 49                       | 51 | 50    | 2                    | No                  | No                 | No                   | Yes                 | No                  | No                 | Yes                 |
| STORM DRAIN IMPROVEMENTS (PLANT IMPROVEMENTS)                                                          | PLANT                            | UNDER CONSIDERATION                 | 43              | \$ 97,000.00                           | 70               | 35 | 53    | 55                        | 10 | 33    | -20              | 64                       | 8  | 36    | 3                    | No                  | Yes                | No                   | Psbly/Some          | No                  | Yes                | Yes                 |
| INFLUENT FLOW METERING (PLANT IMPROVEMENTS) - CONSTRUCTED <div>EIP</div>                               | PLANT                            | ELECTRICALLY CONSTRICTED            | 42              | \$ 1,185,000.00                        | 55               | 30 | 43    | 55                        | 25 | 40    | -3               | 58                       | 23 | 40    | 0                    | No                  | No                 | Psbly/Some           | Yes                 | Psbly/Some          | Psbly/Some         | Yes                 |
| EQ BASIN EFFLUENT BOX IMPROVEMENTS (PLANT IMPROVEMENTS)                                                | PLANT                            | UNDER CONSIDERATION                 | 42              | \$ 175,000.00                          | 40               | 40 | 40    | 50                        | 35 | 43    | 3                | 49                       | 32 | 41    | -2                   | No                  | No                 | No                   | Yes                 | No                  | No                 | Yes                 |
| SECURITY FENCING & GATE IMPROVEMENTS (PLANT IMPROVEMENTS)                                              | PLANT                            | UNDER CONSIDERATION                 | 40              | \$ 316,000.00                          | 55               | 25 | 40    | 45                        | 35 | 40    | 0                | 45                       | 16 | 31    | -9                   | No                  | No                 | No                   | Yes                 | No                  | No                 | Yes                 |
| PAVEMENT IMPROVEMENTS (PLANT IMPROVEMENTS)                                                             | PLANT                            | UNDER CONSIDERATION                 | 38              | \$ 499,000.00                          | 45               | 40 | 43    | 55                        | 10 | 33    | -10              | 55                       | 11 | 33    | 0                    | No                  | No                 | No                   | Yes                 | No                  | No                 | Yes                 |
| SAND FILTER SUBMERSIBLE MIXER (PLANT IMPROVEMENTS) - CONSTRUCTED <div>EIP</div>                        | PLANT                            | ELECTRICALLY CONSTRICTED            | 29              | \$ 197,000.00                          | 40               | 30 | 35    | 30                        | 15 | 23    | -12              | 37                       | 15 | 26    | 3                    | No                  | No                 | Psbly/Some           | Yes                 | No                  | No                 | Yes                 |



## **MT. VIEW SANITARY DISTRICT**

CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2025-26 UPDATE - REVISED

# **PLANT PROJECTS**



## MT. VIEW SANITARY DISTRICT PLANT PROJECTS

**PROJECT NAME:** Influent Valve Pit Knife Gate Valve Replacement

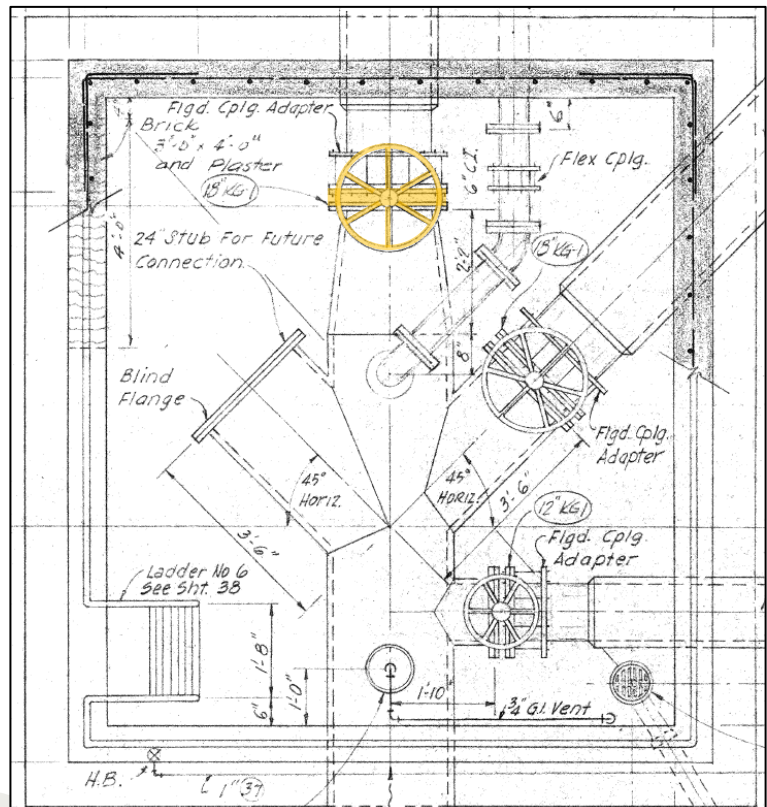
**DESCRIPTION:** This Project will replace the knife gate valve (KGV) which isolates Influent Pump Station effluent flow from the Secondary Clarifier in the Influent Valve Pit. It will include significant bypass pumping and a Secondary Clarifier shutdown.

**JUSTIFICATION:** The KGV is a critical isolation point in the plant. It is likely the original KGV installed in 1968 which may be reaching the end of its useful service life. The KGV has some corrosion and has become difficult and concerning to operate, suspending the plant's capability to switch between clarifiers if / when needed for maintenance or emergency purposes.

**ESTIMATED TOTAL PROJECT COST:** \$290,000

**ANTICIPATED SCHEDULE:**

- Design – FY26
- Construction – FY27





## MT. VIEW SANITARY DISTRICT PLANT PROJECTS

**PROJECT NAME:** Sand Filter Influent Valves Replacement

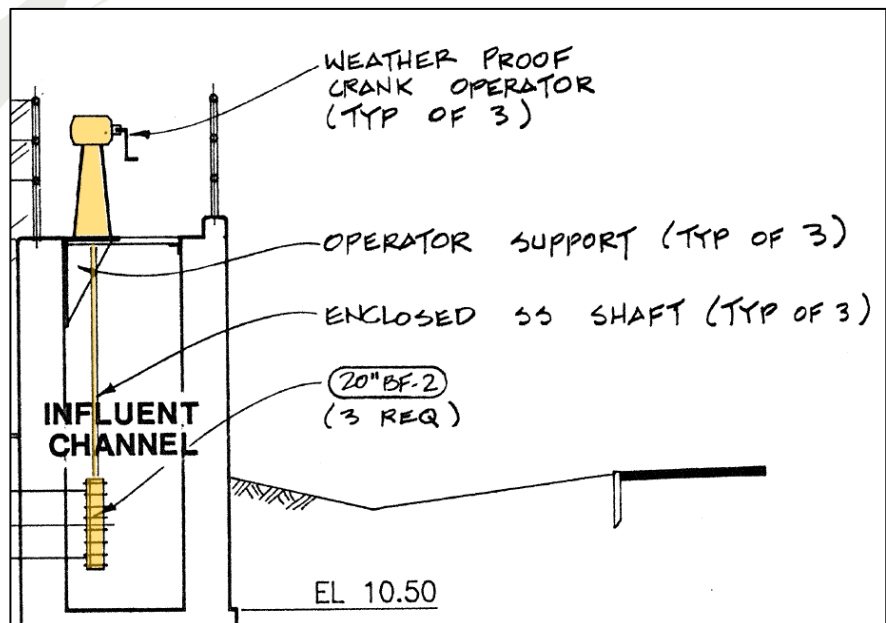
**DESCRIPTION:** This project will replace all three (3) influent valves to the Sand Filter process unit. It will likely include some bypass pumping and partial Sand Filter shutdowns.

**JUSTIFICATION:** The Sand Filter influent valves were originally installed in 1994 and have reached the end of their useful service lives. The valves are challenging to operate. One or two valves do not fully close without difficulty and leak if left cracked open, ultimately preventing certain Sand Filter maintenance activities. Operations staff have spent and continue to devote substantial time and effort to the operation and maintenance of these valves.

**ESTIMATED TOTAL PROJECT COST:** \$55,000

**ANTICIPATED SCHEDULE:**

- Design and Construction – FY26





## MT. VIEW SANITARY DISTRICT PLANT PROJECTS

**PROJECT NAME:** Biofilter & Biotower Rehabilitation

**DESCRIPTION:** For the Biofilter, this Project includes a seismic retrofit, repair of the redwood timber grillage or its replacement with another substructure, replacement of the rock with a different filter media, and possibly replacement of pumping system assets including pumps, motors, valves, and variable frequency drives. For the Biotower, this Project includes a seismic retrofit, needed foundation structural repairs, replacement of the media, removal and replacement of the interior wall coating, and possibly installation of a new exterior wall coating as well. Electrical and control systems components, as well as any other as yet unidentified improvements for these two process units may also be added to the Project scope.

**JUSTIFICATION:** The Biofilter was originally constructed in 1968, long before current building codes took effect, and there are seismic concerns with the structure. Although it was constructed later in 1988, the Biotower also has similar seismic concerns. It is critical that both structures are seismically resistant and resilient. The Biofilter redwood timber grillage is showing signs of decay around the perimeter which must be investigated further. The Biotower foundation has spalling concrete and corroded steel reinforcement that need repairs. The Biotower media is deteriorating across the top surface and has reached the end of its useful service life. Improved access across the media of both filters would be beneficial for Operations staff. Replacing the media of both filters will produce improved system performance for both process units, as well as improved overall plant health. The Biotower wall has a seepage problem which creates aesthetic issues and could lead to localized structural problems over time. Many of these improvements were recommended by the 2011 Wastewater Treatment Plant Systems Reliability Evaluation.

**ESTIMATED TOTAL PROJECT COST:** \$4,739,000

**ANTICIPATED SCHEDULE:**

- Pre-Design – FY27
- Design – FY28
- Construction – FY29 to FY30



## MT. VIEW SANITARY DISTRICT PLANT PROJECTS

### *Biofilter & Biotower Rehabilitation, continued...*





## **MT. VIEW SANITARY DISTRICT**

CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2025-26 UPDATE - REVISED

# **COLLECTION SYSTEM PROJECTS**



## MT. VIEW SANITARY DISTRICT COLLECTION SYSTEM PROJECTS

**PROJECT NAME:** Condition Assessment Program (Pipeline Cleaning & Televising)

**DESCRIPTION:** The District is required by the State Water Resources Control Board (SWRCB) to develop and implement a Sewer System Management Plan (SSMP) that includes a plan to identify, prioritize, and correct collection system deficiencies. This program must include regular television inspection of sewer pipes and a system for ranking their condition. The District has committed in its SSMP to embark upon a comprehensive Condition Assessment Program to clean and televise each and every pipeline in its collection system. Television inspection records pipeline condition data pursuant to the National Association of Sewer Service Companies (NASSCO) standard rating system, which data will ultimately be fed into a computerized risk model that will be used to prioritize defective pipelines and scope out capital improvement program projects. The Condition Assessment Program's first complete cycle through the District's entire collection system is occurring in three phases spread across five to six years. The program includes manhole condition assessment inspections as well, also conducted pursuant to NASSCO.

**JUSTIFICATION:** Collection system condition assessment should be conducted continually to maintain an ongoing understanding of the state of the District's infrastructure, and to become a key reference point for capital planning, project prioritization, annual budgeting, and sewer service charge rate setting. The findings and recommendations of this Program will form the basis of projects within a future collection system Condition Improvements Program in the CIP.

**ESTIMATED TOTAL PROJECT COST:** \$1,791,000 (first complete cycle of 3 phases)

**ANTICIPATED SCHEDULE:**

- Cycle 1:
  - Phase 1 – complete
  - Phase 2 – complete
  - Phase 3 – FY25 to FY26
- Cycle 2: To Be Determined



# MT. VIEW SANITARY DISTRICT COLLECTION SYSTEM PROJECTS

## Condition Assessment Program (Pipeline Cleaning & Televising), continued...



|   |               | A          | B       | C        | D           | E      |
|---|---------------|------------|---------|----------|-------------|--------|
|   |               | Negligible | Minor   | Moderate | Significant | Severe |
| E | Very Likely   | Low Med    | Medium  | Med Hi   | High        | High   |
| D | Likely        | Low        | Low Med | Medium   | Med Hi      | High   |
| C | Possible      | Low        | Low Med | Medium   | Med Hi      | Med Hi |
| B | Unlikely      | Low        | Low Med | Low Med  | Medium      | Med Hi |
| A | Very Unlikely | Low        | Low     | Low Med  | Medium      | Medium |



## MT. VIEW SANITARY DISTRICT COLLECTION SYSTEM PROJECTS

**PROJECT NAME:** Trunk Manholes Rehabilitation

**DESCRIPTION:** This Project will rehabilitate 16 trunk manholes on Martinez Refining Company property, primarily addressing corroding frames and covers, corroding steps, corroding concrete, and delaminating liners. New interior coatings will be installed, and a few manholes will be raised or lowered to grade.

**JUSTIFICATION:** When present in a wastewater environment, hydrogen sulfide gas can be highly corrosive over time, leading to accelerated deterioration of concrete, certain types of steel, and other materials. To extend the service life of a manhole, components that have deteriorated due to corrosion should be replaced, and corrosion protections should be installed on all components. Manholes should be raised or lowered to improve access and eliminate safety concerns.

**ESTIMATED TOTAL PROJECT COST:** \$594,000

**ANTICIPATED SCHEDULE:**

- Design – FY25 to FY26
- Construction – FY26





## MT. VIEW SANITARY DISTRICT COLLECTION SYSTEM PROJECTS

**PROJECT NAME:** 888 Howe Road Sanitary Sewer Replacement

**DESCRIPTION:** The purpose of the 888 Howe Road Sanitary Sewer Replacement is to resolve right-of-way issues by acquiring a new easement, to construct a new sewer alignment within the new easement, and to abandon the existing sewer alignment in place. The Project will primarily construct 442 linear feet of 8-inch sanitary sewer and three manholes. The scope of work also includes abandonment of 410 linear feet of existing 8-inch sanitary sewer and one manhole, rehabilitation of three manholes, extension of an existing side sewer to the new sewer main with installation of a cleanout, traffic control, potholing, sewage flow control, dewatering, and site restoration. The majority of the Project will occur on the 888 Howe Road property, but short portions of the work will also occur in public right-of-way on Howe Road and on the neighboring properties at 886 Howe Road and 2858 Parkway Drive.

**JUSTIFICATION:** The pipelines crossing the three private properties above are known to have severe defects and must be replaced. Additionally, a large warehouse at 888 Howe Road was previously constructed above one the pipelines. Acquiring the new easement will alleviate this significant above-ground obstruction, resolve right-of-way issues, and improve future maintenance access.

**ESTIMATED TOTAL PROJECT COST:** \$1,512,000

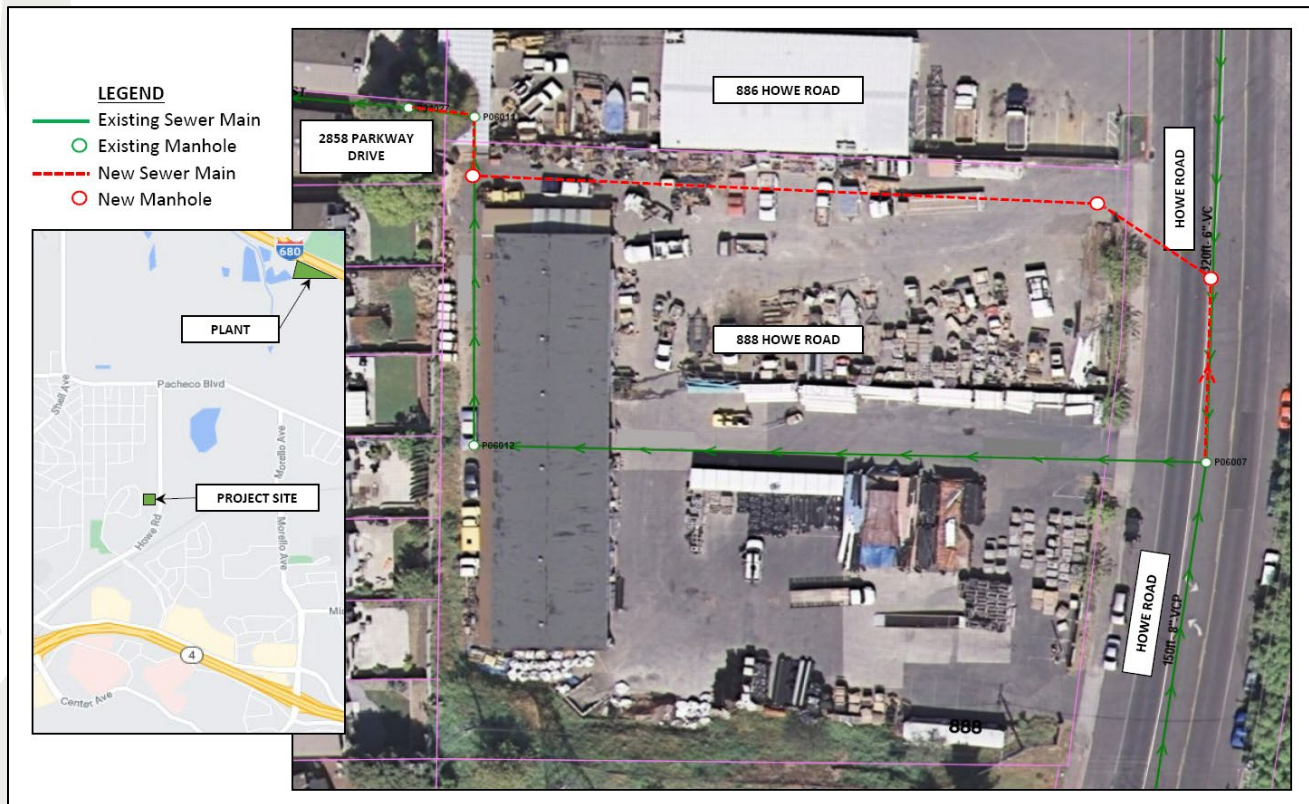
**ANTICIPATED SCHEDULE:**

- Alignment Study – complete
- Right-of-way – FY21 to FY26
- Design – FY21 to FY26
- Construction – FY26



# MT. VIEW SANITARY DISTRICT COLLECTION SYSTEM PROJECTS

## 888 Howe Road Sanitary Sewer Replacement, continued...





## MT. VIEW SANITARY DISTRICT COLLECTION SYSTEM PROJECTS

**PROJECT NAME:** Inflow & Infiltration Reduction Program

**DESCRIPTION:** Inflow is water discharged to the collection system via illicit direct connections in private sewer laterals (such as downspouts and yard or area drains), holes in manhole covers, storm drain cross connections, etc. Infiltration is stormwater or groundwater that enters the collection system through pipeline or manhole defects. Inflow and infiltration (I&I) are major contributors to sanitary sewer overflows during and after wet weather events, as they can cause the rated capacity of pipelines, pump stations, and possibly parts of the treatment plant itself to be overwhelmed.

This Program will further investigate I&I sources in six collection system micro-basins utilizing smoke testing (building upon a program conducted from 2011 to 2015), wet weather pipeline televising, night time reconnaissance, and other investigative methods. The field investigations' findings will be compiled and used to establish the scope of future capital improvement projects intended to eliminate I&I sources in the collection system through the prioritized repair, rehabilitation, or replacement of defective pipelines and manholes. It will also serve as the basis for targeted outreach and possibly enforcement action to eliminate illicit direct connections in private sewer laterals.

The efficacy and logistics of a private sewer lateral (PSL) program will also be examined, and it is possible that such a program could be implemented at the District. PSL programs require side sewers to be inspected and, if necessary, repaired or replaced as part of the residential real estate sale process. The long-term outcome should be incremental, District-wide renewal of defective side sewer infrastructure that has been contributing to the I&I problem, with a corresponding gradual reduction of wet weather flows.

**JUSTIFICATION:** The 2022 Collection System Capacity Assessment identified the six collection system micro-basins as having excessive wet weather flows and recommended that focused field investigations be conducted in those areas to trace and locate I&I sources. As noted above, a PSL program may produce incremental, District-wide renewal of defective side sewer infrastructure with a corresponding gradual reduction of wet weather flows. Measurable I&I reduction in the future may alleviate and perhaps even eliminate collection system capacity deficiencies while simultaneously improving the District's ability to adequately convey peak wet weather flows to the treatment plant. This, in turn, could ultimately help reduce or even eliminate the need for certain capacity-driven capital improvement projects, potentially saving the District substantial monies.



## MT. VIEW SANITARY DISTRICT COLLECTION SYSTEM PROJECTS

### *Inflow & Infiltration Reduction Program, continued...*

**ESTIMATED TOTAL COST:** \$329,000

**ANTICIPATED SCHEDULE:**

- I&I Investigations – FY27
- Private Sewer Lateral Program – FY28





## MT. VIEW SANITARY DISTRICT COLLECTION SYSTEM PROJECTS

**PROJECT NAME:** Pump Stations Rehabilitation & Improvements

**DESCRIPTION:** This Project will address needed improvements and deficiency corrections at Pump Station Nos. 1, 2, 3, and 4, and it may be accomplished in several projects or project phases based on tiered priorities. The scope of work will include manhole, vault, and hatch access improvements; wet well and pipe coatings; ventilation and odor control improvements; pump, valve, and piping replacements; other miscellaneous mechanical modifications; electrical and lighting upgrades; standby generator replacements; corrosion protection installations; various pavement treatments; and a vehicle access gate replacement. Installation of telemetry and implementation of SCADA system improvements at all four pump stations may also be added to the Project.

**JUSTIFICATION:** The 2023 Pump Stations Condition Assessment Study final report recommended rehabilitation and improvements at all four pump stations, splitting up the recommendations into three tiers based on priority. Tier 1 priorities address immediate health and safety concerns, or alleviate existing vulnerabilities that could potentially cause a pump station failure if left unchecked. Tier 2 priorities address potential near-term health and safety concerns, or alleviate existing vulnerabilities that might result in a pump station failure in the next 5 years if left unchecked. Tier 3 priorities are non-essential to health and safety but improve working conditions for District staff and / or provide long-term cost savings to the District by reducing required maintenance, equipment failure, and time spent on data entry and pump station site visits. Currently, none of the pump stations are connected to the District's SCADA system, and therefore they cannot be monitored or operated remotely, thus requiring frequent trips by Operations staff to each pump station. Full pump station monitoring and control may reduce the number of trips, significantly improve Operations staff efficiency and productivity, and ultimately save the District time and money in the long term.

**ESTIMATED TOTAL PROJECT COST:** \$4,394,000

**ANTICIPATED SCHEDULE:**

- Design – FY27
- Phase 1 Construction – FY28
- Phase 2 Construction – FY29
- Phase 3 Construction – FY30



## MT. VIEW SANITARY DISTRICT COLLECTION SYSTEM PROJECTS

### *Pump Stations Rehabilitation & Improvements, continued...*



Pump Station No. 1



Pump Station No. 2



Pump Station No. 3



Pump Station No. 4



## MT. VIEW SANITARY DISTRICT COLLECTION SYSTEM PROJECTS

**PROJECT NAME:** Iron Adjustments After Street Pavement Projects

**DESCRIPTION:** The City of Martinez regularly conducts street pavement projects; Contra Costa County occasionally does so as well. It is the District's responsibility to raise its manhole and rodding inlet frames and covers to the new street grade after these street pavement projects. The District typically collaborates with the City or County to have their paving contractor perform this work, and then under formal agreement directly reimburses the City or County for the cost. This inter-agency collaborative effort saves the District a significant amount of time and money while still accomplishing the necessary work.

**JUSTIFICATION:** It is the District's responsibility to raise its manhole and rodding inlet frames and covers to the new street grade after these street pavement projects. If these structures are not raised, they cannot be located later on, preventing critical collection system maintenance activities from occurring and reducing collection system oversight. Furthermore, they may also become a safety concern for vehicular travel. Finally, the time and cost to find and raise these structures to the new street grade only increases over time.

**BUDGET:** From \$35,000 to \$41,000 annually

**ANTICIPATED SCHEDULE:** Annually as necessary





## **MT. VIEW SANITARY DISTRICT**

CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2025-26 UPDATE - REVISED

# **STRATEGIC INITIATIVES**



## MT. VIEW SANITARY DISTRICT **STRATEGIC INITIATIVES**

**PROJECT NAME:** Energy Infrastructure Program

**DESCRIPTION:** This strategic initiative will comprehensively pursue opportunities to improve the District's aging electrical system infrastructure; increase plant electrical capacity; construct or at least free up electrically constricted CIP projects; identify, evaluate, and possibly implement clean / renewable energy and energy independence technologies such as solar power and batteries; comply with regulatory and legislative mandates such as those for electric vehicle fleets; and to the extent feasible, do all economically at little to no capital cost.

**JUSTIFICATION:** The primary purposes of this strategic initiative are to reduce the District's long-term CIP funding burden as well as its future operating costs. These economic aspects will rely entirely on the firm selected for the Energy Infrastructure Program to secure funding for various program components or the program as a whole. Secondly, this strategic initiative may help replace aging electrical system infrastructure, increase plant electrical capacity so as to free up electrically constricted CIP projects, decrease operational reliance on utility power, safeguard against public safety power shutoffs, and develop the District's own sources of clean / renewable energy.

**ESTIMATED TOTAL STUDY COST:** \$10,000 for FY26

**ANTICIPATED SCHEDULE:** Study – FY26

